MARCH, 1935 NUMBER 294

THE UNIVERSITY OF NORTH CAROLINA RECORD

ANNOUNCEMENT OF THE
SUMMER SESSION
AT
CHAPEL HILL
1935

REVISED EDITION

First Term: June 13 - July 24
Second Term: July 25 - August 31

THE UNIVERSITY OF NORTH CAROLINA PRESS
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CALENDAR

First Term

June 13, *Thursday—Registration Day.* (Extra fee for late registration after today.)

June 14, *Friday*—Instruction begins in all departments at 8:00. (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration.)

June 15, *Saturday*—Regular classes in all departments.

June 17, *Monday*—Those registering today or Tuesday will be required to pay an extra fee of $5.00 for late registration.

June 18, *Tuesday*—Registration for credit will not be permitted after 5:00 o'clock today, except by executive permission.

July 23-24, *Tuesday and Wednesday*—Examinations.

Second Term

July 25, *Thursday*—Registration of new students. (Extra fee for late registration after today.)

July 26, *Friday*—Instruction begins in all departments at 8:00 (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration.)

July 27, *Saturday*—Regular classes in all departments.

July 29, *Monday*—Those registering today—or Tuesday—will be required to pay an extra fee of $5.00 for late registration.)

July 30, *Tuesday*—Registration for credit will not be permitted after 5:00 o'clock today, except by executive permission.

August 3, *Saturday*—Masters' theses may not be submitted after this date.

August 10, *Saturday*—Written examinations for the Masters' degree may not be taken after this date.

August 29, *Thursday*—Class instruction ends at 6:00.
August 30-31, *Friday and Saturday*—Final examinations.

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WILLIAM WHATLEY PIERSON, Ph.D., *Dean of the Graduate School.*
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HARRY FULCHER COMER, M.A., *General Secretary.*
EDWIN SIDNEY LANIER, *Self-Help Secretary.*

GENERAL STATEMENT

In accordance with the plans that are being carried out in the consolidation of the Greater University of North Carolina, the Summer Sessions of the University at Chapel Hill, of the State College of Agriculture and Engineering at Raleigh, and of the Woman's College at Greensboro have been united into one organization. A Director for all three of the schools has been appointed. The Dean of Administration of each institution has charge of the administration. The work of the three divisions will be arranged according to function:

Regular college work of standard grade will be provided at each institution. Elementary Education will be the distinctive field of work at Greensboro; Agricultural, Vocational, and Technological training, at State College; and Undergraduate work (including Secondary Education) and Graduate work, the distinctive fields at the University at Chapel Hill.

There will be a single session of six weeks at each of the institutions, with a second term of six weeks at Chapel Hill only. The work of the three institutions is being correlated and coordinated in such a way that the students and teachers of the state may be better served than hitherto. Special effort will be made to provide in the second term at Chapel Hill work which will supplement courses taken in the first term at Greensboro or at Raleigh.

Separate announcements are issued for each of the three divisions of the Consolidated Summer Schools.

From this point on—the General Information, Announcement of courses to be offered, and Special Features given in this Announcement are for the University Summer Session at Chapel Hill. Requests for the announcement of the Woman's College Summer Session should be addressed to Dr. W. C. Jackson, Dean of Administration, Greensboro, and requests for the announcement of State College Summer Session should be addressed to Col. J. W. Harrelson, Dean of Administration, Raleigh.

STAFF OF INSTRUCTION

Members of the University's Regular Staff

RAYMOND WILLIAM ADAMS, Ph.D. — English
Associate Professor of English — First Term

SUSAN GREY AKERS, Ph.D. — Library Science
Professor of Library Science and Acting-Director of the School of Library Science — First Term

JAMES OSLER BAILEY, Ph.D. — English
Instructor in English — First Term

ERNEST SCOTT BARR, A.M. — Physics
Teaching Fellow in Physics — Second Term

ABRAM GUSTAVUS BAYROFF, Ph.D. — Psychology
Instructor in Psychology — First Term

WILLIAM STANLEY BERNARD, A.M. — Art History
Professor of Greek — First Term

EDWARD MORRIS BERNSTEIN, Ph.D. — Economics
Visiting Associate Professor of Business Administration — Second Term

RICHMOND PUGH BOND, Ph.D. — English
Associate Professor of English — Second Term

JOHN MANNING BOOKER, Ph.D. — English
Professor of English — First Term

RALPH WALTON BOST, Ph.D. — Chemistry
Associate Professor of Chemistry and Acting-Dean of the School of Applied Science — Second Term

LEE MARSHALL BROOKS, Ph.D. — Sociology
Assistant Professor of Sociology — First Term

EDWARD TANKARD BROWNE, Ph.D. — Mathematics
Professor of Mathematics — Second Term

HENRY MATTHEW BURLAGE, Ph.D. — Pharmacy
Professor of Pharmacy — First Term

WALLACE EVERETT CALDWELL, Ph.D. — History
Professor of Ancient History — Both Terms

DUDLEY DEWITT CARROLL, M.A. — Economics
Professor of Economics and Dean of the School of Commerce — First Term

JOHN ERWIN CARROLL, Jr., A.M. — French
Instructor in Romance Languages — First Term

FREDERIC EDWARD COENEN, A.M. — German
Instructor in German — First Term

WILLIAM CHAMBERS COKER, Ph.D. — Botany
Kenan Professor of Botany — Both Terms

JOHN NATHANIEL COUCH, Ph.D. — Botany
Professor of Botany — First Term

HARRY WOLVEN CRANE, Ph.D. — Psychology
Professor of Psychology — First Term

CLAUDE JACKSON CRAVEN, A.M. — Physics
Instructor in Physics — Second Term

WALTER DEVEREUX CREECH, Jr., A.M. — French
Instructor in French — Second Term

HORACE DOWNS CROCKFORD, Ph.D. — Chemistry
Associate Professor of Chemistry — First Term

JOHN FREDERICK DASHIELL, Ph.D. — Psychology
Kenan Professor of Psychology — Second Term

HARRY ELLERBE DAVIS, A.B. — English
Instructor in English and Assistant Director of the Carolina Playmakers — First Term

WILLIAM MORTON DEY, Ph.D. — French
Kenan Professor of the Romance Languages and Literatures — First Term

JAMES TALMADGE DOBBINS, Ph.D. — CHEMISTRY
Professor of Chemistry — First Term

FLOYD HARRIS EDMISTER, Ph.D. — CHEMISTRY
Associate Professor of Chemistry — Second Term

SAMUEL THOMAS EMORY, A.M. — GEOLOGY
Assistant Professor of Geology — First Term

ESTON EVERETT ERICSON, Ph.D. — ENGLISH
Associate Professor of English — First Term

JAMES GILBERT EVANS, M.A. — ECONOMICS
Associate Professor of Economics — First Term

PRESTON COOKE FARRAR, M.A. — EDUCATION
Associate Professor of the Teaching of English — First Term

KEENER CHAPMAN FRAZER, A.M. — GOVERNMENT
Associate Professor of Government — First Term

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Professor of Physics — First Term

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Associate Professor of the Teaching of French — First Term

WALTER GORDY, A.B. — PHYSICS
Assistant in Physics — First Term

ERNEST RUTHERFORD GROVES, A.B., B.D. — SOCIOLOGY
Research Professor of Sociology — Both Terms

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Kenan Professor of Latin — First Term

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FRANCIS CLEMENT HAYES, M.A. — SPANISH
Instructor in Spanish — Both Terms

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Kenan Professor of Mathematics — First Term

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Assistant Professor of Mathematics — First Term

ALLAN WILSON HOBBS, Ph.D. — MATHEMATICS
Professor of Applied Mathematics and Dean of the College of Liberal Arts — Second Term

SAMUEL HUNTINGTON HOBBS, Ph.D. — RURAL SOCIAL-ECONOMICS
Professor of Rural Social-Economics — Both Terms

URBAN TIGNER HOLMES, JR., Ph.D. — FRENCH
Professor of French — Both Terms

GEORGE HOWARD, Ph.D. — EDUCATION
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ALMONTE CHARLES HOWELL, Ph.D. — ENGLISH
Associate Professor of English — First Term

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Assistant Professor of Mathematics — Second Term

JOHN WARFIELD HUDDLE, Ph.D. — GEOLOGY
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Associate Professor of Pharmaceutical Chemistry — First Term

WILLIAM SUMNER JENKINS, Ph.D. — GOVERNMENT
Assistant Professor of Government — First Term

KATHARINE JOCHER, Ph.D. — PUBLIC ADMINISTRATION
Assistant Director and Research Associate with the Institute for Research in Social Science — First Term

CECIL JOHNSON, Ph.D. — HISTORY
Instructor in History — First Term

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Professor of Educational Psychology — Second Term

ARNOLD KIMSEY KING, A.M. — EDUCATION
Assistant Professor of the Teaching of History — First Term

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Kenan Professor of Education — Both Terms

JOHN WAYNE LASLEY, JR., Ph.D. — MATHEMATICS
Professor of Pure Mathematics — First Term

JOSEPH MERRITT LEAR, M.A. — ECONOMICS
Associate Professor of Insurance — Second Term

STURGIS ELLENO LEAVITT, Ph.D. — SPANISH
Professor of Spanish — First Term

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Visiting Professor of History — Second Term

ROBERT WHITE LINKER, Ph.D. — FRENCH
Instructor in French — Second Term

GERALD RALEIGH MACCARTHY, Ph.D. — GEOLOGY
Associate Professor of Geology — Second Term

THOMAS SMITH MCCORKLE, B.Mus. — MUSIC
Associate Professor of Music — First Term

WILLIAM JOHN MCKEE, Ph.D. — EDUCATION
Professor of Education in Extension Teaching — Both Terms

LOREN CAREY MACKINNEY, Ph.D. — HISTORY
Professor of Medieval History — First Term

WILLIAM MILTON MCLEOD, Ph.D. — FRENCH
Instructor in French — First Term

DANIEL ALLEN MACPHERSON, Ph.D. — BACTERIOLOGY
Professor of Bacteriology — First Term

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Professor of Mathematics — First Term

EDWIN CARLYLE MARKHAM, Ph.D. — CHEMISTRY
Assistant Professor of Chemistry — Both Terms

JAMES ROBERT MARVIN, S.B. in E.E. — ENGINEERING
Instructor in Engineering — First Term

ERNST CHRISTIAN PAUL METZENTHIN, Ph.D. — GERMAN
Associate Professor of German — Both Terms

HARRY ESTILL MOORE, M.A. — SOCIOLOGY
Teaching Fellow in Sociology — First Term

ROY WILLIAMSON MORRISON, Ph.D. — EDUCATION
Associate Professor of Education in Extension Teaching — Both Terms

HOWARD FREDERICK MUNCH, A.M. — EDUCATION
Associate Professor of the Teaching of Mathematics — First Term

THOMAS PASTEUR NOE, JR., S.M.E. — ENGINEERING
Instructor in Civil Engineering — First Term

WILLIAM ANDERSON OLSEN, A.M. — ENGLISH
Assistant Professor of English — Second Term

GREGORY LANSING PAINE, Ph.D. — ENGLISH
Professor of English — Second Term

ERLE EWART PEACOCK, C.P.A. — COMMERCE
Professor of Accounting — First Term

CARL HAMILTON PEGG, Ph.D. — HISTORY
Instructor in History — Both Terms

WILLIAM WHATLEY PIERSON, Ph.D. — GOVERNMENT
Professor of History and Government and Dean of the Graduate School — First Term

EARLE KEITH PLYLER, Ph.D. — PHYSICS
Professor of Physics — Both Terms

CARLETON ESTEY PRESTON, Ph.D. Associate Professor of the Teaching of Science	EDUCATION	First Term
WILLIAM FREDERICK PROUTY, Ph.D. Professor of Stratigraphic Geology	GEOLOGY	Second Term
CHARLES BASKERVILLE ROBSON, Ph.D. Assistant Professor of Government	GOVERNMENT	Second Term
CHARLES PHILLIPS RUSSELL, A.B. Associate Professor of English	ENGLISH	First Term
HARRY KITSUN RUSSELL, Ph.D. Assistant Professor of English	ENGLISH	Second Term
SHIPP GILLESPIE SANDERS, A.M. Associate Professor of Latin	LATIN	First Term
WILEY BRITTON SANDERS, Ph.D. Associate Professor of Public Administration	PUBLIC ADMINISTRATION	First Term
GUSTAV THEODOR SCHWENNING, Ph.D. Professor of Business Administration	COMMERCE	First Term
GEORGE FRANK SENSABAUGH, Ph.D. Instructor in English	ENGLISH	First Term
ROBERT BOIES SHARPE, Ph.D. Assistant Professor of English	ENGLISH	Second Term
JOHN LEROY SMITH, A.M. Instructor in French	FRENCH	Second Term
WILBURN PHILIP SMITH, M.A. Instructor in Spanish	SPANISH	Both Terms
MENO HANS SPANN, Ph.D. Instructor in German	GERMAN	Second Term
DAVID KIRBY SPELT, A.B. Instructor in Psychology	PSYCHOLOGY	Both Terms
CORYDON PERRY SPRUILL, JR., B.Litt. (Oxon.) Professor of Economics	ECONOMICS	First Term
HERMAN HENRY STAAB, M.A. Associate Professor of Romance Languages	FRENCH	First Term
STERLING AUBREY STOUDEMIRE, Ph.D. Associate Professor of Spanish	SPANISH	Second Term
OTTO STUHLMAN, JR., Ph.D. Professor of Physics	PHYSICS	First Term
MALCOLM DEAN TAYLOR, A.B., M.B.A. Associate Professor of Marketing	ECONOMICS	First Term
WILLIAM FLINT THRALL, Ph.D. Professor of English	ENGLISH	Both Terms
HENRY ROLAND TOTTEN, Ph.D. Professor of Botany	BOTANY	Second Term
RUPERT BAYLESS VANCE, Ph.D. Research Associate in the Institute for Research in Social Science	SOCIOLOGY	Both Terms
HENRY McGILBERT WAGSTAFF, Ph.D. Professor of History	HISTORY	Second Term
NATHAN WILSON WALKER, Ed.M. Professor of Secondary Education	EDUCATION	Both Terms
ALVIN SAWYER WHEELER, Ph.D. Professor of Organic Chemistry	CHEMISTRY	First Term
DELOS DONALD WICKENS, M.A. Instructor in Psychology	PSYCHOLOGY	Both Terms
WILLIAM LEON WILEY, Ph.D. Assistant Professor of French	FRENCH	Second Term
REX SHELTON WINSLOW, A.M. Instructor in Economics	ECONOMICS	First Term
ARTHUR SIMEON WINSOR, Ph.D. Associate Professor of Mathematics	MATHEMATICS	First Term

HARRY DEMERLE WOLF, Ph.D. — Economics
Professor of Economics — Second Term

EDWARD JAMES WOODHOUSE, LL.B. — Government
Professor of Government — Second Term

JOHN BROOKS WOOSLEY, Ph.D. — Economics
Professor of Economics — Second Term

ERICH WALTER ZIMMERMAN, Ph.D. — Commerce
Kenan Professor of Economics — First Term

Visiting Instructors

CARTER ALEXANDER, Ph.D. — Education
Library Professor, Teachers College, Columbia University — First Term

LAURA C. BAILEY, A.B. — Library Science
Librarian, Polytechnic Institute Library, Baltimore, Maryland — Second Term

ROBERT COLDER BEATTY, A.M. — Sociology
Associate Professor of Sociology, University of Florida — Second Term

DAVID HORACE BISHOP, A.M., Litt.D. — English
Professor of English and Vice-Chancellor, University of Miss. — Both Terms

RALPH STOKES COLLINS, A.M. — German
Teacher, Coon High School, Wilson, N. C. — Both Terms

JACK STILES DENDY, A.M. — Zoölogy
Professor of Biology, Brevard College — First Term

HENRY NELSON DEWICK, Ph.D. — Psychology
Instructor in Psychology, University of Rochester — Second Term

WILLIAM EARLE DRAKE, Ph.D. — Education
Associate Professor of Education Extension Division, Pennsylvania State College, Pittsburgh, Pa. — Both Terms

KARL CLAUDE GARRISON, Ph.D. — Education
Professor of Psychology, N. C. State College — Both Terms

ELWOOD CARTELYOU HUNTER, A.M. — Education
Associate Professor of Education, Converse College — Second Term

JOHN THEODORE KRUMPELMANN, Ph.D. — German
Professor of German, Marshall College — Second Term

FRANK MISNER, Ph.D. — Education
Director of Research in the Public Schools of Bronxville, N. Y. — First Term

JANE ELIZABETH MOSS, A.B., B.S. — Library Science
Librarian, Thomas Jefferson High School, Richmond, Virginia — First Term

JOHN J. W. NEUNER, Ph.D. — Commerce
Assistant Professor of Accountancy, The City College, New York, N. Y. — Second Term

ALBERT RAY NEWSOM, Ph.D. — History
Secretary, North Carolina Historical Commission — First Term

LUCILE NIX — Library Science
Assistant Reference Librarian, Emory University, Ga. — Second Term

JOSHUA PAUL REYNOLDS, Ph.D. — Zoölogy
Assistant Professor of Biology, Birmingham Southern College — First Term

JAN PHILIP SCHINHAN, A.M. — Music
Head, Department of Organ, San Francisco Conservatory — Second Term

FREDERICK CARLYLE SHEPARD — Education
Professor of Education, Guilford College — First Term

FRANCIS SPEIGHT — Fine Arts
Instructor in the Pennsylvania Academy of the Fine Arts, Philadelphia, Pa. — First Term

LESLIE P. SPELMAN, A.M., B.Mus., F.A.G.O. — Music
Director, Department of Music, Meredith College — Both Terms

JOHN MARCELLUS STEADMAN, JR., Ph.D. — English
Professor of English, Emory University — Second Term

BENJAMIN FRANKLIN SWALIN, Ph.D. — Music
Professor of Violin, School of Music, De Pauw University — Second Term

HOLLAND THOMPSON, Ph.D. — HISTORY
Professor of History, College of the City of New York — First Term

ANTHONY PELZER WAGENER, Ph.D. — LATIN
Professor of Ancient Languages, College of William and Mary — Second Term

Visiting Lecturers

BURDETTE ROSS BUCKINHGAM, Ph.D. — EDUCATION
Formerly Lecturer in Education, Harvard University — First Term

FRANK CODY, M.A. — EDUCATION
Superintendent of Schools, Detroit, Michigan — First Term

ROBERT DIGGES WIMBERLEY CONNOR, Ph.B. — HISTORY
National Archivist, Washington, D. C. — First Term

NICKOLAUS LOUIS ENGELHARDT, Ph.D. — EDUCATION
Professor of Educational Administration, Teachers College, Columbia University — First Term

WILLARD E. GIVENS, Ph.D. — EDUCATION
Secretary, National Education Association of the United States, Washington, D. C. — Second Term

CHARLES HOWARD GRAY, Ph.D. — EDUCATION
Acting President, Bennington College — First Term

MELVIN EVERETT HAGGERTY, Ph.D. — EDUCATION
Dean, College of Education, University of Minnesota — First Term

HERBERT EDWIN HAWKES, Ph.D. — EDUCATION
Dean of Columbia College, New York City — First Term

FREDERICK L. HOVDE, B.A., B.Ch.E. — EDUCATION
Assistant Director, The General College, University of Minnesota — First Term

JAMES LAURENCE MEADER, Ph.D. — EDUCATION
President, Russell Sage College — First Term

PAUL C. PACKER, Ph.D. — EDUCATION
Dean, School of Education, State University of Iowa — First Term

SHELTON PHELPS, Ph.D. — EDUCATION
President, Winthrop College — First Term

DAVID EMRICH WEGLEIN, Ph.D. — EDUCATION
Superintendent of Schools, Baltimore, Maryland — First Term

LOUIS ROUND WILSON, Ph.D. — EDUCATION
Dean, Graduate Library School, University of Chicago — First Term

JAMES MADISON WOOD, A.M., LL.D. — EDUCATION
President, Stephens College — First Term

PART I—GENERAL INFORMATION

The Summer Session: June 13-August 31

The University Summer Session at Chapel Hill will open on Thursday, June 13, 1935, and continue for twelve weeks, closing on Saturday, August 31. The session will be divided into two terms of six weeks each. The first term will begin on Thursday, June 13, and close on Wednesday, July 24. The second term will begin on Thursday, July 25, and close on Saturday, August 31.

Registration

The regular time for registration for the first term will be Thursday, June 13. All students of the Summer Session should be present and register on that day, as the regular class work will begin promptly at 8:00 on Friday morning, June 14. Moreover, there is an extra fee for delayed registration. For those registering June 14 or 15, the extra fee is $2.50. For those registering June 17 or 18, the extra fee is $5.00. Registration for credit will not be permitted in the first term after 5:00 o'clock Tuesday, June 18, nor in the second term after 5:00 o'clock Tuesday, July 30, except by executive permission. See *Calendar*.

Admission. Those may enter who meet the University's requirements for admission as set up in the regular catalogue; teachers holding regular state certificates; graduates of standard high schools; special mature students not applicants for degrees.

Divisions of Summer Session. The College Division (undergraduates), and the Graduate Division.

Credits. Three courses meeting five or six hours a week constitute a student's normal load in the summer session. A student in the Undergraduate Division may carry four courses, provided he has the approval of the Dean of the School in which he is registered. All courses carry degree credit in one or more schools of the University. The Summer Session course meeting five or six times a week for six weeks carries a credit of 2½ or 3 quarter hours respectively. (For certificate credit in North Carolina, each such course carries credit for two semester hours; one meeting ten or twelve hours a week, four semester hours.)

Standard of Work

The standard of work in courses given for University credit will be in all respects that of the corresponding courses as given during the regular session, as these courses are an integral part of the work of the University. It is the hope of the University that, by giving

such courses, increased service may be rendered to the growing body of teachers in the state who have already completed college courses or done some work of college grade and who now desire while in service to improve themselves along both professional and cultural lines.

Courses of freshman and sophomore grade will not be credited as graduate work. Courses of junior and senior grade if numbered above 100 in the statement of courses (see Part II of this announcement), may be given such credit as is indicated in the regulations below. Definite information about the different credit that certain courses carry can be obtained at the time of registration.

Term Reports and Grades

After the close of each term reports of the standing of all students in all their studies are sent to the student. Records of all students desiring professional credits with the State Department of Education will be sent to that department immediately after the close of each term provided record cards, furnished for this purpose, have been carefully filled out by such students and left in charge of the Associate Registrar. The reports are based upon the following system of marking:

Grade A, Excellent
Grade B, Good
Grade C, Fair
Grade D, Barely passed
Grade F, Failed
*Grade I, Work incomplete

A student must attain a grade of D to pass in any study. Students receiving grade F must repeat the study to receive any credit for the same.

Grades for each graduate course completed are reported to the Dean and to the Registrar. These grades are as follows:

"Passed," which represents satisfactory work.

"Failed," which represents work that is unsatisfactory for graduate credit.

No work falling below the standard represented by the grade of "Passed" is counted for graduate credit. If, in the judgment of the Graduate School, the quality of the work done by any student falls below the standard expected of graduate students, the registration of such a student will be canceled.

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* The grade I indicates a deficiency in a certain portion of the work of a course. It may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes grade F.

Degrees: When Conferred

Degrees are conferred at the annual commencement in June and at the close of the second term of the Summer Session. Degrees conferred at the close of the Summer Session are awarded without academic ceremony.

Admission to Undergraduate Courses

Applicants for admission to courses of freshman grade must satisfy the requirements for entrance as laid down in the University catalogue. These requirements comprise a total of 15 units selected from the subjects of English, foreign languages (ancient and modern), history, mathematics, science, and vocational subjects. For details the applicant is referred to the University catalogue.

Applicants for courses of advanced grade must furnish evidence of work of college grade completed at this or another institution. Such evidence must consist of the official statement from the institution where the work was done, showing definitely the courses pursued and the amount of credit recorded. Admission to specific courses will be determined in each case by the department on the basis of previous preparation.

Application for admission to undergraduate courses should be sent in advance to the Dean of Admissions. This application should be accompanied by certificates of preparation, or official statements from other institutions that the applicant has attended, and a list of the courses the applicant desires to pursue. Blanks for this purpose will be furnished on request.

The Graduate School

The Summer Session offers excellent opportunities for carrying on advanced work in many fields of learning. Graduates of standard colleges are admitted to the Graduate School during the summer term on precisely the same basis as in the regular session. Such students may become candidates for advanced degrees or may register as special students in such courses as they desire.

Students who wish to pursue in the Summer Session courses leading to the Master's degree should bring with them when they register a transcript of their college credits. In case the student has not had sufficient training to enable him to pursue strictly graduate courses, provision may be made in the Summer Session for the making up of such deficiency.

Beginning this summer, the Graduate School and the Departments have instituted a plan of curricular reorganization. Courses will be offered in cycles, following a sequence of three years. This plan, it is thought, will facilitate securing by the student logical and evenly balanced programs of study.

No student may receive credit during any one summer quarter for more than three courses in the Graduate School.

1. *Admission.* Holders of degrees from standard colleges are admitted without examination upon presentation of their credentials. *It will save time at registration if these credentials are submitted in advance of the opening of the Summer Session.*

Admission to the Graduate School is not the same as admission to candidacy for a higher degree. For admission to candidacy for a degree a student must have been in residence in the Graduate School for one quarter or two summer terms. Action on each case is postponed until the student has progressed sufficiently to make possible the planning of his course. This does not imply any increase in the length of time necessary for the attainment of the degree. It means simply that the individual record of each student, undergraduate as well as graduate, is taken into account in determining what must be done in order to secure the degree.

2. *Regulations as to Courses.* While graduate students may register for any of the courses offered by the Summer Session Faculty, no courses will count for credit towards an advanced degree unless they are classified as graduate courses in this bulletin or in the Catalogue of the Graduate School. These courses must be selected in accordance with the rules for major and minor subjects set forth in the catalogue of the Graduate School. In general, this means that two-thirds of a candidate's work during his entire period of residence (three summers being the usual time required) must be from one department, the remaining one-third being from a closely allied minor department.

3. *Requirements for the Master's degree.* For a detailed statement of the requirements for the degrees of Master of Arts and Master of Science, the student is referred to the catalogue of the Graduate School. These rules are the same in their application to Summer Session students as in the case of students registered for the regular sessions. Students may continue their studies during the year under the direction of the special committee in charge of their work, and may do part of the work required for their theses in this manner. In certain approved cases, also, credit not to exceed six semester hours (or nine quarter hours) may be transferred for work done in another university. Every such case is treated individually and must be approved by the Administrative Board of the Graduate School, on recommendation of the department of major study, at the time application is made for admission to candidacy for a higher degree. Students who are not admitted under these special conditions will find three full summer quarters necessary for the completion of the requirements for the Master's degree.

Work taken more than five years before the date at which the master's degree is expected may not be used to count for credit toward that degree.

A reading knowledge of at least one modern foreign language is required of candidates for the master's degree. This knowledge will be tested by a special examination given by the language department, and must be certified to before the student is admitted to candidacy for the degree.

The thesis must be written in accordance with provisions stated in the Graduate Catalogue. It may count not to exceed one course. This thesis may be handed in, and the final oral and written examinations may be taken by special arrangement during the year. (See scheduled dates on the calendar.) The Master's degree is conferred at commencement in June and at the end of the second term of the Summer Session.

4. *Requirements for the Doctor's Degree.* Prospective candidates for the degree of Doctor of Philosophy are referred to the Catalogue of the Graduate School for a detailed statement of the requirements for the degree. For purposes of convenience a summary of these requirements is presented here:

1. Admission is the same as for the master's degree.
2. A minimum of three years of graduate study, at least one of which must be at the University of North Carolina.
3. A reading knowledge of French and German.
4. A major covering adequately the field of major interest and at least twenty semester hours (or thirty quarter hours) in a minor.
5. A preliminary oral examination.
6. A written examination in the field of major interest.
7. An oral examination covering the entire field of study.
8. A dissertation.

5. *Further Information.* All students who propose to do work leading to an advanced degree should read carefully the catalogue of the Graduate School, which will be sent on application to the Dean of the Graduate School.

Reports and Professional Credits

At the close of each term regular examinations will be held, and reports will be made. These reports state definitely the courses pursued and the grades attained.

Records of all students desiring professional credit with the State Department of Education will be sent to the Director of Certification immediately after the close of each term of the Summer Session, provided record cards, furnished for this purpose by the State Department of Education, have been carefully filled out by such students and turned in to the office of the Associate Registrar.

Teachers' Bureau

A Teachers' Bureau is maintained by the Department of Education during the summer session for the benefit of teachers desiring a change

in position. Many applications for teachers are received each year during the Summer Session, and many superintendents visit the University for the purpose of employing well qualified teachers. In order that the management may keep closely in touch with available teachers and be enabled thereby to render prompt service to school officials applying for teachers, all well qualified applicants in attendance are invited to register with the Teachers' Bureau. Each registrant will have the services of the Teachers' Bureau for one year beginning with the date of registration. Applicants are expected to file with the Bureau photograph and typewritten testimonials or letters of recommendation.

The Library

The University Library has occupied its new building since July, 1929. It now contains nearly 260,000 volumes and 3,235 periodicals are regularly received. The building houses, aside from the general collection and reading rooms, the Rural Social Economics Library, Commerce Reading Room, and the Library School. A special room is devoted to North Carolina history. A separate room is provided for the use of students doing collateral reading in material reserved for their convenience by University instructors. One hundred study carrels are provided with the bookstacks for graduate students and faculty, to which assignment is made on application.

Graham Memorial Building

Graham Memorial Building will be open to Summer Session students for social and recreational purposes.

The Gymnasium

During the Summer Session the Gymnasium will be used for the classes in physical education and for social activities conducted under the auspices of the Y. W.-M. C. A.

The Infirmary

During the Summer Session the University Infirmary will be open for the convenience of the students in attendance. The Infirmary will be under the direction of the Physician to the Summer Session, and a Registered Nurse, who with an assistant, will be constantly in attendance. There will be no extra charge for the services of the physician or of the nurse, except in cases of prolonged and serious illness necessitating a special nurse. The Summer Session Physician will be at the Infirmary two periods a day for consultation and advice. At these hours students of the Summer Session will be given the opportunity to consult the physician about any matters pertaining to their health.

Registration and Tuition Fees

Each matriculate in the Summer Session is required to pay a flat registration fee of $15.00 for each term.

In addition to the registration fee, a tuition fee of $12.50 for each term will be charged all matriculates who are *bona fide* residents of North Carolina, and a tuition fee of $25.00 each term will be charged all matriculates who are not *bona fide* residents of this state. The payment of the tuition fee will permit students to register for three courses of five or six hours a week. If a fourth such course is desired, or if the total registration amounts to twenty or more hours a week, an additional fee will be required. For a detailed statement of the various fees charged and the purposes for which they are charged see below under "Summary of Fees and Expenses."

Train Schedules

There are two trains a day, except Sunday, from University Station to Chapel Hill. The morning train arrives at 10:20 and the afternoon train at 1:45. Those who can conveniently do so would do well to arrange their trip so as to reach Chapel Hill on the morning train. Be sure to buy your ticket to Chapel Hill Station and have your baggage checked to this point (and not to the University station, which is ten miles or more from the University). Many students will prefer to come to Durham by rail and proceed from Durham to Chapel Hill by bus. In any case baggage should be checked to Chapel Hill Station.

Table Board

Good table board will be furnished at *Swain Hall* for $32.50 a term, payable at the beginning of the term. Seven hundred boarders can be accommodated at *Swain Hall.* Children from 1 to 8 years one-half price—$16.25 for 6 weeks. Children from 8 to 12 years two-thirds price—$21.67 for 6 weeks. Children from 12 years up full price or $32.50 for 6 weeks.

For board at Spencer Building see under *Spencer Building.*

Dormitory Accommodations

For the accommodation of ladies in attendance upon the Summer Session the following buildings will be open: *Spencer, Steele, Old East, Old West,* and others if necessary. Reservation of rooms may be made at any time on application to the General Cashier.

For the accommodation of men the following dormitories will be open: *Lewis Dormitory* and the *Graduate Club House* (Mary Ann Smith Building).

Everett Dormitory will be held for married couples, with or without children. It contains 56 rooms and will accommodate 112 students.

Room rent in any of these buildings (except Spencer and Mary Ann Smith) is $7.50 a student for the term of six weeks, *payable to the General Cashier in advance.*

Combination Rate (Board and Room)

To encourage the full use of dormitory and Swain Hall facilities and to assure to students the highest standard of service, the University offers a combined rate of $37.50 a term for board at *Swain Hall* and room in a dormitory (except Carr, Spencer, and Mary Ann Smith). A deposit of $7.50 must be made at the time of reservation, and the balance paid to the General Cashier at the time of registration.

Spencer Building (For Both Graduate and Undergraduate Women)

The Cornelia Phillips Spencer Building will be open this summer. It contains a large social room, dining room, twenty-six double and eight single bedrooms. Running water is furnished in all rooms, and bath rooms are convenient. The arrangement is that of a large comfortable home. The rates are as follows: single room for six weeks $22,50, double room for six weeks $30.00 ($15.00 each person) and board for six weeks is $35.00. All persons living in the Woman's Building are required to have meals in the dining room there. A deposit fee of $7.50 must be paid at time reservation is made, balance to be paid to Mrs. Stacy at the time of registration. Please make check payable to the University of North Carolina, and send to Mrs. M. H. Stacy.

Graduate Club House

Mary Ann Smith Building which was formerly a dormitory has been converted into a club house for male graduate students. Rental in this building (2 persons to a room) is $15.00 a man for the term of six weeks. A deposit fee of $7.50 should be made in order to secure reservations, and the remainder of the rent ($7.50) will be payable at the beginning of occupancy. Occupants of the building are required to take meals in the Club Dining Room, where the rate is $35.00 a term. Applications for reservations in Smith Building should be made to the Secretary of the Graduate Club, Chapel Hill, N. C.

Steele Building (For Women Graduate Students)

During the Summer Session Steele Building is reserved for women graduate students. This building has 36 rooms and will accommodate 70 students, two to the room. The rental is $7.50 an occupant for the term of six weeks.

Other Dormitories

Old East Building contains 39 rooms and will accommodate 75 students.

Carr Building contains 28 rooms and will accommodate 62 students. *See under School of Law.*

Old West Building contains 39 rooms and will accommodate 75 students.

Lewis and Everett Dormitories contain 56 rooms each, and will accommodate 112 students each.

Grimes, Manly, and Ruffin Dormitories contain 45 rooms each, and will accommodate 90 students each.

During the Summer Session each of the dormitories for women will be in charge of a capable hostess who will see that the University's regulations regarding the health, comfort, and safety of the students are carried out, and who will be always ready to give the young ladies such advice and assistance as they may need. All dormitory rooms are well screened.

Regulations Concerning Women Students

All women students of the Summer Session under 24 years of age, except residents of the Chapel Hill community who live at home, are required to live in the University dormitories.

Wherever women students of the Summer Session reside they are under the supervision of the Adviser to Women and the hostesses, and are expected to conform to the general regulations prescribed for women students.

Reservations Must Be Made in Advance

Students desiring rooms in the University buildings must have their reservations made in advance, or the management cannot guarantee to them accommodations. Each application for a reservation should be accompanied by a check for $7.50 to cover room rent for the term. *Make all checks payable to the University of North Carolina.* Application should be made to the General Cashier prior to June 1, in order that applicants may be notified before leaving home whether or not their reservations have been made as requested.

What the Student Must Furnish

Students occupying rooms in the University dormitories must furnish their own bed-linen, pillows, towels, etc. Each student who secures a room in one of these dormitories will be expected to bring the following articles:

1 pillow.
2 pairs pillow-cases.
2 pairs of sheets (for single bed).
2 counterpanes.
6 towels.

Laundry Department: Deposit

The University owns and operates a modern laundry which is conducted on a strictly scientific basis. Students (except those who live with their families in Chapel Hill) are required to send their work to the University laundry. A laundry deposit of $6.00 to be paid at the time of registration is required of each student, against which a charge is made for the work done. If the amount of work done exceeds the amount of this deposit, the student is required to pay the excess. If the amount of work done is less than the deposit, the balance is refunded, except that a minimum average charge of twenty-five cents a week will be made.

All work is accepted on piece-price basis. The charges are exceedingly reasonable and are made strictly in accordance with the cost of operation. This enables the students to get their laundry work at a cost below the usual commercial prices.

The laundry accepts complete responsibility for all goods entrusted to its care and will pay for any articles lost or damaged.

Books and Materials

Students of the Summer Session will be expected to provide themselves with all books and materials required for their individual use in the courses pursued. Most of the texts to be used are announced in connection with the description of the various courses. Students may procure their books before coming to Chapel Hill, or they may get them here at the University Book Exchange, at the usual market prices.

Schedule

In the Summer Session schedule the day is divided into periods as follows:

MORNING HOURS

First Period	8:00 to 9:00
Second Period	9:00 to 10:00
Third Period	10:00 to 11:00
Fourth Period	11:00 to 12:00
Fifth Period	12:00 to 1:00

AFTERNOON HOURS

First Period	2:00 to 3:00
Second Period	3:00 to 4:00
Third Period	4:00 to 5:00
Fourth Period	5:00 to 6:00

A daily schedule of recitations showing the hours and places of meeting for the various classes should be secured by each student at the time of registration.

Vesper Service

The University Summer Session recognizes the daily vesper service as the official devotional period for the campus. Vesper service will be held immediately following supper each evening, except Saturday and Sunday, on the lawn under Davie poplar, or in Gerrard Hall in case of rain. This service will be of fifteen minutes length, and will consist of songs, scripture reading, and prayer. Attendance is voluntary. There will be no chapel service apart from the vesper service.

Recreation and Entertainment

In addition to the regular courses of instruction scheduled in the various departments, there will be some form of recreation and entertainment provided each week during the Summer Session. Excellent opportunities are available for those students and faculty members who wish to play golf. In addition to the 9-hole course of the Chapel Hill Country Club, 18-hole courses are available at the Hope Valley Country Club (six miles away) and at the Hillandale Club in West Durham (ten miles away). (See Part III—SPECIAL FEATURES.)

Expenses for Each Term

Not counting the cost of such variable items of expense as board, travel, books and materials (including laboratory fees), and laundry, and excluding all other incidental and extra charges, the fixed items of expense, each term for those who live in the college dormitories are as follows:

Expenses:	(Term of Six Weeks)
Room Rent in University Dormitory, other than Spencer Hall or Graduate Club	$ 7.50
Board at Swain Hall	32.50
Combined rate	37.50
Fees:	
North Carolina students	27.50
Non-resident students	40.00

A laundry deposit of $6.00 will be made by the student at the time of registration.

Summary of Fees and Expenses

In all cases, unless otherwise noted, the fees listed below are to be paid to the University Cashier at the time of registration or at the time the service for which the fee is charged is rendered.

1. *Fees.* For residents of North Carolina, $27.50.
2. *Fees.* For students who are not residents of North Carolina, $40.00.
3. *Fee for Each Extra Course, $5.00.* Required in case the student registers for twenty or more hours a week.

4. *Late Registration, $2.50 or $5.00.* Required of every student in the first term registering after June 13, and of every student in the second term registering after July 25. *See Calendar.*
5. *Changes in Registration, 25 cents each.* After June 13 a charge of 25 cents will be made for each item of change a student makes in his registration for the first term. After July 25 the same charge will be made for each item of change in registration for the second term.
6. *Laundry Deposit, $6.00.* Required of all registrants. This fee may be refunded to students who live at home and have their laundry work done elsewhere than at the University Laundry. *See under Laundry Department.*
7. *Room Rent, $7.50.* This is paid to the Business Office at the time the reservation is made. *See Spencer Hall and Graduate Club above, and the Carr Building under the School of Law.*
8. *Table Board, $32.50.* A flat charge for board at Swain Hall for each term of the Summer Session. Payable to the Treasurer at the time of registration by those desiring board at Swain Hall.
9. *Combined rate, $37.50,* applies if reservation is made in advance. *See Dormitory Accommodations above.*
10. *Music Fees.* These vary for different courses. (See list of courses offered by the Department of Music.) In addition to the tuition fees a special fee of $2.00 for the term is charged those desiring assignment to a practice room. All music fees are paid at the office of the Department of Music.
11. *Diploma Fee, $5.00.* Required of all those graduating.
12. *Laboratory Fees.* These vary for the different departments and for different courses in the same department. They are as follows:

Botany:

s41, s43, s114	$ 4.00
s154, s254, s304	4.00

Chemistry:

s1, s2	$ 4.50
s31, s42, s62, s71	10.00
s81	7.00
s167, s168, s169	10.00
s341, s361, s381	10.00

Commerce:

Library Fee	$ 1.00
s71, s72	3.00

Education:

s71	$ 1.00

Engineering:

s22b	$ 4.00

English:

s63, s64	$ 2.00

Geology:

s11, s12	$ 3.00

Pharmacy:

s11, s13	$ 3.00
s22	4.00

Physics:

s21, s22	$ 4.00

Psychology:

s21, s22	$ 4.00
s145, s202, s203	1.00

Zoölogy:

s41 (b)	$ 5.00
s43	2.50

Refund of Fees

1. Fees paid in advance for room reservation for the first term will be refunded on application up to and including June 3 but not after that date, and for the second term, up to and including July 15.
2. If for any reason, a student, after registering, finds it necessary to withdraw from the Summer Session, registration and tuition fees, on applica-

tion presented within the dates specified below, will be refunded, but in strict accordance with the following regulations:

(1) If application is made on the day of registration the amount paid, less a flat overhead charge of $2.50, will be refunded.

(2) If application is made within a period of 4 days after class work begins, a flat overhead charge of $10.00 will be deducted from the amount paid and the remainder refunded.

(3) After a period of 4 days from the time class work for the term begins, no refund of registration and tuition fees will be made, except in case of illness necessitating the student's withdrawal, in which case a proper adjustment will be made within a period of 10 days after class work begins, subject to executive action.

(4) In case of a student's withdrawal from the Summer Session, proper adjustment will be made in the charges for table board, laboratory fees, and laundry fees. After necessary deductions are determined by the department concerned in each instance, appropriate refunds of any unused part of such charges or fees will be made to the student.

(5) Extra fees paid for late registration may not be refunded for any reason except by executive action.

Reduced Railroad Fares

Reduced railroad fares have been authorized by the Southeastern Passenger Association for students attending summer schools within the territory of the Association. Round trip tickets will be sold on the basis of "fare and one-third" with suitable selling dates and limits. No identification certificates will be necessary. Students are advised to confer with their local ticket agents in advance for full particulars concerning reduced rates for summer schools and dates of sale.

PART II—COURSES OFFERED

ART HISTORY

Course for Undergraduates

s63. ART HISTORY. Credit, 5 quarter hours.

First term. Professor Bernard. Hours: 10:00 to 12:00 daily.

A study of European Art from the twelfth century to modern times with emphasis on paintings in the great periods—Renaissance, Flemish, Dutch, Spanish, and French schools.

BACTERIOLOGY

s51. ELEMENTARY BACTERIOLOGY. Credit, 5 quarter hours.

First term. Professor MacPherson and Mr. Schaaf.

The fundamental principles of bacteriology are emphasized, and the student is trained in general bacteriological technique. The morphological and biological characteristics of yeasts, molds, and saprophytic bacteria are studied. The applications of bacteriology to agriculture, industry, sanitation, and disease are considered. Prerequisite, General chemistry, and one course in Biology. Hours: Lectures, 8:00 daily. Laboratory, 9:00 to 11:00 daily.

s57. COMMUNITY HYGIENE. Credit, 2½ quarter hours.

First term. Professor MacPherson.

A lecture and demonstration course designed to acquaint the general student with the sanitation of his environment, and the organization of the community for public health. History of hygiene; economics of health; bacteria and health; immunity; carriers; communicable and non-communicable diseases; relation of air, water, food, to health; community problems in mental hygiene, sex, infant and maternity welfare, and school hygiene. Hours: 11:00 daily.

BOTANY

Courses for Undergraduates

s41. GENERAL BOTANY. Credit, 6 quarter hours.

First term. Professor Couch and assistant. Laboratory fee, $4.00. Hours: Lectures, 11:00 daily and 2:00 T., Th., F. Laboratory, 3:00 to 5:00 M., T., W., Th.

An introduction to the structure and classification of plants.

s43. STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Credit, 6 quarter hours.

Second term. Professor Totten and assistant. Laboratory fee, $4.00. Hours: Lectures, 11:00 daily and 2:00 F. Laboratory, 2:00 to 5:00 M., T., W., Th.

A continuation of General Botany with more advanced work in the structure and classification of seed plants. Special attention is given to the study of local flora. Prerequisite, General Botany.

Courses for Graduates and Advanced Undergraduates

s103. STRUCTURE AND CLASSIFICATION OF THE ALGAE. Credit, 5 or 2½ quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: to be arranged with the class.

Lectures, reports, laboratory and field work. Prerequisite, General Botany.

s114. MORPHOLOGY AND DEVELOPMENT OF THE FUNGI. Credit, 5 quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: to be arranged with the class.

A study of the morphology of the fungi, with special attention to plant diseases, to the culture and development of the lower fungi, and to the identification of mushrooms. Prerequisite, General Botany.

s154. ADVANCED WORK IN THE STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Credit, 5 quarter hours.

Second term. Professor Totten. Laboratory fee, $4.00. Hours: to be arranged with the class.

Courses Primarily for Graduates

s254. MORPHOLOGY OF SEED PLANTS. Credit, 5 quarter hours.

Second term. Professor Totten. Laboratory fee, $4.00. Hours: to be arranged with the class.

Advanced work in the embryology and anatomy of seed plants. Conferences, reports, laboratory and field work.

s304. GRADUATE RESEARCH. Credit, 5 or 2½ quarter hours.

Each term. Professors Coker, Totten, and Couch. Laboratory fee, $4.00 a term. Hours to be arranged with the class.

Original work with thesis under the guidance of the instructor.

CHEMISTRY

Courses for Undergraduates

s1. GENERAL CHEMISTRY. Credit, 6 quarter hours.

First term. Professor Markham. Laboratory fee, $4.50. Hours: Lectures 9:00 daily, including Saturdays. Laboratory 2:00 to 4:00 daily, including Saturdays.

s2. GENERAL CHEMISTRY. Credit, 6 quarter hours.

Second term. Professor Edmister. Laboratory fee, $4.50. Hours: Lectures 9:00 daily, including Saturdays. Laboratory 2:00 to 4:00 daily, including Saturdays. This course completes the course General Chemistry.

s31. QUALITATIVE ANALYSIS. Credit, 6 quarter hours.

First term. Professor Dobbins. Laboratory fee, $10.00. Hours: Lectures 2:00 daily. Laboratory 3:00 to 6:00 daily. Prerequisite, Chemistry 1 and 2.

s41. QUANTITATIVE ANALYSIS. GRAVIMETRIC. Credit, 6 quarter hours.

Second term. Professor Markham. Laboratory fee, $10.00. Hours: Lectures 12:00 daily. Laboratory 2:00 to 5:00 daily. Prerequisite, Chemistry 31.

s42. QUANTITATIVE ANALYSIS. VOLUMETRIC. Credit, 6 quarter hours.

First term. Professor Markham. Laboratory fee, $10.00. Hours: Lectures 12:00 daily. Laboratory 2:00 to 5:00 daily. Prerequisite, Chemistry 31.

s61. ORGANIC CHEMISTRY. ALIPHATIC SERIES. Credit, 6 quarter hours.

First term. Professor Wheeler. Laboratory fee, $10.00. Hours: Lectures 9:00 daily. Laboratory 10:00 to 12:00 daily. Prerequisite, Chemistry 31.

s62. ORGANIC CHEMISTRY. AROMATIC SERIES. Credit, 6 quarter hours.

Second term. Professor Bost. Laboratory fee, $10.00. Hours: Lectures 9:00 daily. Laboratory 10:00 to 12:00 daily. Prerequisite, Chemistry 61.

s71. FOOD CHEMISTRY. Credit, 6 quarter hours.

Second term. Professor Bost. Laboratory fee, $10.00. Hours: Lectures 12:00 daily, including Saturdays. Laboratory 2:00 to 4:00 daily, including Saturdays. Prerequisite, Chemistry 42 and 61.

s81. PHYSICAL CHEMISTRY. Credit, 6 quarter hours.

First term. Professor Crockford. Laboratory fee, $7.00. Hours: Lectures 12:00 daily, including Saturdays. Laboratory 2:00 to 6:00 M., W., F.

Courses for Graduates and Advanced Undergraduates

s143. THEORETICAL ANALYTICAL CHEMISTRY. Credit, 5 quarter hours.

First term. Professor Dobbins. Hours: 10:00 and 11:00 daily. Prerequisite, Chemistry 31 and 42.

s151. ADVANCED INORGANIC CHEMISTRY. Credit, 5 quarter hours.

Second term. Professor Edmister. Hours: 9:00 and 10:00 daily. Prerequisite, Chemistry 31 and one other course in chemistry.

s167. ADVANCED ORGANIC PREPARATIONS. Credit, 3 quarter hours.

First term. Professor Wheeler. Laboratory fee, $10.00. Hours: 2:00 to 4:00 daily, including Saturdays. Prerequisite, Chemistry 62.

s168. ADVANCED ORGANIC PREPARATIONS. Credit, 3 quarter hours.

Second term. Professor Bost. Laboratory fee, $10.00. Hours: 2:00 to 4:00 daily, including Saturdays. Prerequisite, Chemistry 62.

s169. QUANTITATIVE ORGANIC ANALYSIS. Credit, 3 quarter hours.

First term. Professor Wheeler. Laboratory fee, $10.00. Hours: 2:00 to 4:00 daily, including Saturdays. Prerequisite, Chemistry 62.

s183. PHYSICAL CHEMISTRY. Credit, 5 quarter hours.

First term. Professor Crockford. Hours: 8:00 and 9:00 daily. Prerequisite, Chemistry 81 and 82.

s241. SEMINAR IN ANALYTICAL CHEMISTRY. Credit, 3 quarter hours.

Second term. Professor Markham. Hours: 11:00 daily, including Saturdays. Prerequisite, Chemistry 31 and 42.

s261. SEMINAR IN ORGANIC CHEMISTRY. Credit, 3 quarter hours.

First term. Professor Wheeler. Hours: 12:00 daily, including Saturdays. Prerequisite, Chemistry 61 and 62.

s341. RESEARCH IN ANALYTICAL CHEMISTRY. Credit, 5 or more quarter hours.

Through both terms. First term. Professor Dobbins. Second term. Professor Markham. Laboratory fee, $10.00.

s361. RESEARCH IN ORGANIC CHEMISTRY. Credit, 5 or more quarter hours.

Through both terms. First term. Professor Wheeler. Second term. Professor Bost. Laboratory fee, $10.00.

s381. RESEARCH IN PHYSICAL CHEMISTRY. Credit, 5 or more quarter hours.

First term. Professor Crockford. Laboratory fee, $10.00.

ECONOMICS

Courses for Undergraduates

s31. GENERAL ECONOMICS. Credit, 5 quarter hours, if followed by Economics s32 or 32.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. First term. Professor Evans. Hours: 8:00 and 12:00 daily.

s32. GENERAL ECONOMICS. (Continued). Credit, 5 quarter hours.

This is a continuation of Economics s31. Second term. Professor Lear. Hours: 8:00 and 12:00 daily.

s81. MONEY. Credit, 5 quarter hours, if followed by Economics s82 or 82.

A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. First term. Mr. Winslow. Hours: 8:00 and 10:00 daily.

s82. BANKING. Credit, 5 quarter hours.

This course is devoted to a study of the theory of commercial banking with particular respect to its application and development in the United States. Second term. Professor Woosley. Hours: 8:00 and 10.00 daily.

Courses for Graduates and Advanced Undergraduates

s111. ADVANCED COMMODITY ECONOMICS. Credit, 5 quarter hours.

In this course the demand and supply conditions of a few commodities selected to represent types are studied. The institutional factors affecting these conditions are critically examined with particular reference to price behavior. First term. Professor Zimmerman. Hours: 8:00 and 10:00 daily.

s124. PRINCIPLES OF MARKETING. Credit, 5 quarter hours.

A critical study of marketing organization and operation. First term. Professor Taylor. Hours: 9:00 and 11:00 daily.

s131. ECONOMIC THEORY. Credit, 5 quarter hours.

The primary purpose of this course is the development of greater facility upon the part of the student in the use of economic theory as a tool in the solution of economic and business problems. First term. Professor Spruill. Hours: 8:00 and 10:00 daily.

s141. PUBLIC FINANCE. Credit, 5 quarter hours.

A general study of government business covering the principles involved in public revenues and expenditures; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems. Second term. Professor Heer. Hours: 9:00 and 11:00 daily.

s185. BUSINESS CYCLES. Credit, 5 quarter hours.

A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume and physical production. Second term. Professor Bernstein. Hours: 8:00 and 10:00 daily.

s191. AN INTRODUCTION TO THE LABOR PROBLEM. Credit, 5 quarter hours.

The purpose of this course is to make an analytic survey of the modern labor problem in its major aspects. Second term. Professor Wolf. Hours: 9:00 and 11:00 daily.

s195. THEORIES OF ECONOMIC REFORM. Credit, 5 quarter hours.

A critical analysis of the leading proposals for reform in the present economic system. First term. Professor Carroll. Hours: 9:00 and 11:00 daily.

Courses Primarily for Graduates

s311. SEMINAR IN COMMODITY ECONOMICS. Credit, 2½ quarter hours.

First term. Professor Zimmerman. Hours: to be arranged.

s324. SEMINAR IN MARKETING. Credit, 2½ quarter hours.

First term. Professor Taylor. Hours: to be arranged.

s341. SEMINAR IN PUBLIC FINANCE. Credit, 2½ quarter hours.

Second term. Professor Heer. Hours: to be arranged.

s391. SEMINAR IN HUMAN RELATIONS IN INDUSTRY. Credit, 2½ quarter hours.

Second term. Professor Wolf. Hours: to be arranged.

COMMERCE

Courses for Undergraduates

s51. BUSINESS ORGANIZATION. Credit, 5 quarter hours.

The forms of business organization with emphasis on the corporation. First term. Professor Schwenning. Hours: 9:00 and 11 daily.

s71. PRINCIPLES OF ACCOUNTING. Credit, 6 quarter hours.

Lectures with laboratory work. Study of the theory of debit and credit record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory fee, $3.00. First term. Professor Peacock. Hours: 2:00 to 5:00 daily, including Saturdays.

s72. PRINCIPLES OF ACCOUNTING (continued). Credit, 6 quarter hours.

Lectures with laboratory work. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. Laboratory fee, $3.00. Second term. Professor Neuner. Hours: 2:00 to 5:00 daily, including Saturdays.

EDUCATION

Courses for Undergraduates

s31. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Credit, 5 quarter hours.

First term, Professor Shepard. Hours: 11:00 to 1:00 daily.

Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied through assigned readings, experiments, and discussions.

s71. EDUCATIONAL PSYCHOLOGY. Credit, 5 quarter hours.

Second term. Professor Hunter. Hours: Lectures 11:00 to 1:00 M., T., Th., F. Laboratory 2:00 to 4:00 M. Laboratory fee, $1.00.

To consider critically such topics as the original nature of man, heredity and environment, types of learning and factors influencing learning, individual differences, mental hygiene, mental measurement is the purpose of this course.

s98. GENERAL METHODS IN SECONDARY EDUCATION. Credit, 5 quarter hours.

Second term. Professor Walker. Hours: 8:00 to 10:00 daily.

The first half of this course deals with the aims of high school teaching and the outcomes of learning. In the second half an evaluation of the various techniques and methods of instruction commonly used in high schools is attempted.

s99. PRINCIPLES OF SECONDARY EDUCATION. Credit, 2½ quarter hours.

First term. Professor Shepard. Hour: 8:00 daily.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions and principalships in secondary schools.

Courses for Graduates and Advanced Undergraduates

s101. INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION. Credit, 5 quarter hours.

Through both terms. Professor Howard. Hour: 10:00 daily.

This course will consider the most important problems of school administration, especially as these problems bear on the success of the teacher's work. Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course.

s103. ELEMENTS OF STATISTICAL METHODS. Credit, 5 quarter hours.

Second Term. Professor Munch. Hours: 11:00 to 1:00 daily. Prerequisite, Education 31 or Psychology 21-22.

s105. GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS. Credit, 5 quarter hours.

Through both terms. Dr. Morrison. Hour: 12:00 daily.

This course undertakes not only to acquaint the student with the extensive literature of scientific research in pupil personnel work, but also to develop through actual handling of individual records, reports, and materials as many as possible of the important skills required of the principal in the classification

and promotion of pupils, in program making, in organization of pupils' activities, in student government, in athletics, etc.

s109 (s107). EDUCATION IN THE PROGRAM OF RECONSTRUCTION. Credit, 5 quarter hours.

First term. Professor McKee and others. Hours: Lectures 10:00 daily; Seminar 12:00 daily.

This course deals with some of the major problems of education in its relation to the general program of social and economic reconstruction. Topics that will receive especial attention are: industrial and vocational education, guidance, personality adjustment (and maladjustments), the revitalized curriculum, teacher-training, financing an adequate educational program.

s142. HISTORICAL FOUNDATIONS OF MODERN EDUCATION. Credit, 5 quarter hours.

Through both terms. Professor Drake and Professor Knight. Hour: 11:00 daily.

This course traces the development of some of the more important educational problems of modern times as they have been affected by the social, economic, and political facts of history.

s143. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. Credit, 5 quarter hours.

Through both terms. Professor Drake and Professor Knight. Hour: 12:00 daily.

The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system.

s160. CURRICULUM CONSTRUCTION. 5 quarter hours.

First term. Dr. Misner and others.

The construction and organization of the curricula of the elementary and secondary schools when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained.

This course will be given in several sections as follows:

Section I will deal with the principles and techniques of curriculum construction. Dr. Misner. Hours: 8:00 to 10:00 daily.

Section II will be a laboratory course dealing with English in the high school curriculum. Professor Farrar. Hours: 11:00 to 1:00 daily.

Section III will be a laboratory course dealing with French in the high school curriculum. Professor Giduz. Hours: 8:00 to 10:00 daily.

Section IV will be a laboratory course dealing with History and the Social Studies in the high school curriculum. Professor King. Hours: 8:00 to 10:00 daily.

Section V will be a laboratory course dealing with Mathematics in the high school curriculum. Professor Munch. Hours: 11:00 to 1:00 daily.

Section VI will be a laboratory course dealing with Natural Science in the high school curriculum. Professor Preston. Hours: 8:00 to 10:00 daily.

Students registered in Sections II to VI inclusive will be participating in the program of curriculum revision now in progress for the North Carolina high schools.

s161. PROJECT ACTIVITIES IN THE ELEMENTARY GRADES. Credit, 5 quarter hours.

Second term. Professor McKee. Hours: 10:00 to 12:00 daily.

An attempt will be made in this course to develop criteria by which children's educational activities should be evaluated, the means by which they should be tested, and the principles governing procedures in activity work.

s162. TEACHING PUPILS HOW TO STUDY. Credit, 5 quarter hours.

Trough both terms. Professor McKee. Hour: 9:00 daily.

The physical and environmental factors that condition effective study, the necessary preliminary preparations for study, techniques for discovering a pupil's present study habits in each subject-matter field, the evaluation and improvement of study habits, and techniques for the supervision of practice and growth in each type of study will be considered.

s163. EVALUATING CLASSROOM INSTRUCTION. Credit, 5 quarter hours.

Second term. Professor Morrison. Hours: 8:00 to 10:00 daily.

The general and specific objectives of instruction are agreed upon in the early meetings of this course. Criteria are then developed for evaluating the materials, techniques, activities, and outcomes of instruction. The latter part of the course consists in applying the criteria to actual classroom lessons in an attempt to develop skill in observing, evaluating, and improving instruction.

s171. THE PSYCHOLOGY OF ADOLESCENCE. 5 quarter hours.

Through both terms. First term. Professor Garrison. Second term, Professor Jordan. Hour: 10:00 daily. Prerequisite: One course in General Psychology or Educational Psychology.

An intensive study of the physical, intellectual, and emotional changes characteristic of the adolescent period of growth. Especial emphasis is placed on the consideration of adolescent interests in their relation to instruction.

s181. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH. Credit, 5 quarter hours.

First term. Professor Farrar. Hours: 8:00 to 10:00 daily.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age.

s183. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH. Credit, 5 quarter hours.

First term. Professor Giduz. Hours: 11:00 to 1:00 daily.

In this course the student studies the development of modern language teaching. Particular stress is laid on present-day tendencies, more especially in connection with pronunciation, phonetics, reading, "realia," activities, texts, etc. Weekly reports in readings. Term paper.

s185. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL HISTORY. Credit, 5 quarter hours.

First term. Professor King. Hours: 11:00 to 1:00 daily.

This course will stress the following topics: objectives and functions of the Social Sciences; planning and organizing courses; the different methods of teaching; the use of illustrative material, classroom equipment, and library material; and the construction and use of tests. Lectures, readings, discussion, and reports.

s187. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN. Credit, 5 quarter hours.

Second term. Professor Gwynn. Hours: 11:00 to 1:00 daily.

This course is designed primarily for students who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field.

s189. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. Credit, 5 quarter hours.

First term. Professor Munch. Hours: 8:00 to 10:00 daily.

A course designed to give those preparing to teach mathematics in high school a comprehensive view of that field. It is composed of six units as follows: history of mathematics, objectives of mathematics teaching, materials, methods, the psychology of mathematics teaching, and measuring in the field of mathematics.

s191. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE. Credit, 5 quarter hours.

First term. Professor Preston. Hours: 11:00 to 1:00 daily.

Knowledge of science content is assumed. This course considers the objectives and curriculum position of secondary school science, the proper teaching viewpoint, instruction techniques. Assigned readings introduce the important literature.

s194. MEASUREMENTS IN SECONDARY EDUCATION. Credit, 5 quarter hours.

Through both terms. First term. Professor Garrison. Second term. Professor Jordan. Hour: 9:00 daily. Prerequisite: One course in General Psychology or Educational Psychology.

A critical examination of the tests suitable for testing the educational outcomes of the high school. Some attention will be paid to the use of tests in vocational guidance and to the measurement of character traits.

s196. THE HIGH SCHOOL PRINCIPALSHIP. Credit, 5 quarter hours.

Through both terms. Professor Howard. Hour: 8:00 daily.

This course considers the duties, qualifications, and activities of the principal of a secondary school. Lectures, readings, discussions, investigations, and reports.

Courses for Graduates

s211. PROBLEMS OF INSTRUCTION AND ADMINISTRATION IN HIGHER EDUCATIONAL INSTITUTIONS. Credit, 5 quarter hours.

First term. Members of the staff and visiting lecturers. Hour: 4:00 to 6:00 daily.

In this course an examination will be made of certain basic conceptions which underlie and bear upon higher education. Particular attention will be given to the curriculum and to problems of instruction and administration.

s272. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. Credit, 5 quarter hours.

Through both terms. First term. Dr. Garrison. Second term. Professor Jordan. Hours: 2:00 to 4:00 M. and W. Prerequisite: A course in General Psychology and one course in Educational Psychology.

Treats intensively of the learning process in its relation to acquiring and retention of information, feelings, skills, and attitudes. This is a companion course to Education 271.

s299. PHINCIPLES OF SECONDARY EDUCATION. Credit, 2½ quarter hours.

First term. Dr. Misner. Hours: 2:00 to 4:00 T. and Th.

A systematic course for graduate students, intended primarily for those who have not had Education 99. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are looking forward to high school principalships.

s341. FOUNDATIONS OF EDUCATION IN THE SOUTH. Credit, 5 quarter hours.

Through both terms. Professor Drake and Professor Knight. Hour: to be arranged.

This is a research course in modern educational practices and institutions and is open only to those advanced students who have had Education 141, or Education 142, or the equivalent. Various educational agencies will be studied through investigations, reports, and conferences.

s375. THESIS COURSE. Credit, 5 quarter hours.

Through both terms. Professors in the Department of Education.

This is a course in which there will be taken up such work as is necessary for each student in connection with the writing of his degree thesis. It is intended for those students whose graduate major is in education, but students whose thesis topics are closely related to education are invited to attend and to take part in the discussion.

s376. SEMINAR COURSE. Credit, 5 quarter hours.

A research course in a special field. Through both terms. Professors in the Department of Education.

s400. HOW TO LOCATE EDUCATIONAL INFORMATION AND DATA. Credit, on Thesis.

June 13 to July 2. Professor Alexander. Hour: Individual work with appointments but without class meetings.

Laboratory library course covering the important sources of usable information and data and how to obtain quickly maximum use of them in libraries and in the field. Emphasizes efficient use of the resources of the University of North Carolina Library. Based on a text and exercises prepared especially for such work, both furnished without charge to the student.

ENGINEERING

G. E. s1c. DESCRIPTIVE GEOMETRY. Credit, 4 quarter hours.

First term. Mr. Noe. Hour: 2:00-5:00 M., T., W., Th.

Fundamental problems of the point, line, and plane, and their application to the problems of the intersection and the development of surfaces.

G. E.. s6c. ELEMENTARY MECHANICS. Credit, 2 quarter hours.

First term. Mr. Noe. Hour: 10:00, 4 days a week.

An elementary course in the strength of materials.

G. E. s26c. APPLIED MECHANICS. Credit, 3 quarter hours.

First term. Mr. Marvin. Hour: 11:00 daily including Saturday. Prerequisite, Mathematics 25e.

A general course in applied mechanics including moments of inertia of areas and bodies, motion of a particle, motion of rigid bodies, and momentum.

E. E. s22b. PRINCIPLES OF ELECTRICAL ENGINEERING. Credit, 4½ quarter hours.

First term. Mr. Marvin. Laboratory fee, $4.00. Hour: 10:00 daily including Saturday. Laboratory, 2:00-5:00 M., W. Prerequisite, Mathematics 25e and Physics 23e.

A study of the fundamental theory of the magnetic field and the problems of electro-magnetic circuits.

MATH. s26e. CALCULUS FOR ENGINEERING STUDENTS. Credit, 5 quarter hours.

First term. Professor Hill. Hour: 9:00 and 11:00.

Engineering problems involving the calculus together with an elementary treatment of differential equations. This is the third term of the regular Sophomore Engineering Mathematics.

NOTE: Any of the above subjects may not be offered if the demand is not sufficient and any other engineering courses may be offered if a justifiable demand develops.

ENGLISH

Courses for Undergraduates

s3. ENGLISH COMPOSITION. Credit, 3 quarter hours.

First term. Final quarter of freshman English. Themes, personal conferences, study of essay, directed readings. Dr. Sensabaugh. Hour: 9:00 daily, including Saturdays.

s21. ENGLISH LITERATURE. Credit, 5 quarter hours.

First term. Prerequisite, English 1, 2, 3. Study of important, significant literary productions chronologically considered. Dr. Bailey. Hours: 9:00 and 11:00 daily.

s22. ENGLISH LITERATURE (Continued). Credit, 5 quarter hours.

Second term. Professor Harry Russell. Hours: 9:00 and 11:00 daily.

s44. PUBLIC SPEAKING: INTRODUCTORY COURSE. Credit, 5 quarter hours. Second term. Emphasis on organization, outlines, delivery, problems of attention and persuasion; collateral readings on contemporary public problems. Professor Olsen. Hours: 9:00 and 11:00 daily.

s50. SHAKESPEARE. Credit, 2½ or 5 quarter hours.

Through both terms. About twenty representative comedies, tragedies, and histories will be studied. Professor Thrall. Hour: 8:00 daily.

s53. CREATIVE WRITING. Credit, 5 quarter hours.

First term. Study of and practice in various forms of original writing. Professor Phillips Russell. Hours: 12:00 daily and 4:00-6:00 Tuesday and Thursday.

s63a. PLAY DIRECTION. Credit, 2½ quarter hours.

First term. The theory and practice of play directing. Mr. Davis. Fee for materials: $2.00. Hour: 2:00 daily.

s64. SCENERY CONSTRUCTION AND PAINTING. Credit, 2½ quarter hours.

First term. Mr. Davis. Fee for materials: $2.00. Hour: 10:00 daily.

s81. AMERICAN LITERATURE, 1830-1870. Credit, 2½ or 5 quarter hours.

Through both terms. A survey of American literature, from 1830 to 1870, with special attention to Poe, Emerson, Thoreau, Lowell, Hawthorne, Melville, and Whitman. Professor Adams, Professor Paine. Hour: 12:00 daily.

s93a. ENGLISH DRAMA. Credit, 2½ quarter hours.

Second term. Undergraduate survey of drama from the beginnings into the eighteenth century. Professor Sharpe. Hour: 10:00 daily.

s100. DIRECTED READINGS. Credit, 2½ or 5 quarter hours.

Through both terms. Dr. Bailey, Professor Olsen. Hours to be arranged.

Courses for Graduates and Advanced Undergraduates

s103. CHAUCER. Credit, 5 quarter hours.
Second term. Professor Steadman. Hours: 8:00 and 10:00 daily.

s112. STUDIES IN ENGLISH LITERATURE OF THE RENAISSANCE: SPENSER. Credit, 2½ or 5 quarter hours.

Through both terms. Professor Thrall. Hour: 9:00 daily.

s114. ENGLISH DRAMA, 1600-1642. Credit, 2½ or 5 quarter hours.

Through both terms. Professor Howell, Professor Sharpe. Hour: 11:00 daily.

s121b. ENGLISH LITERATURE, 1650-1700. Credit, 2½ quarter hours.

First term. A survey of the non-dramatic literature of the period of Dryden. Professor Howell. Hour: 12:00 daily.

s141. ENGLISH LITERATURE, 1780-1830. Credit, 2½ or 5 quarter hours.

Through both terms. The Romantic movement, with emphasis upon the major poets—Coleridge, Wordsworth, Byron, Shelley, and Keats—and critics. Professor Bishop. Hour: 10:00 daily.

s170. THE HISTORY OF THE ENGLISH LANGUAGE. Credit, 5 quarter hours.

First term. Study, with historical development, of chief linguistic influences and tendencies as seen in literary specimens of the various periods. Professor Ericson. Hours: 8:00 and 10:00 daily.

Courses Primarily for Graduates

s241. STUDIES IN EIGHTEENTH CENTURY LITERATURE. Credit, 2½ quarter hours.

Second term. Emphasis on Joseph Addison and the periodical essay. Professor Bond. Hour: 12:00 daily.

s243. VICTORIAN LITERATURE. Credit, 5 quarter hours.

First term. Special emphasis this year on the traditional literature of the Victorian period: Classical, Arthurian, and Renaissance sources for Tennyson and Browning; Classical and Mediaeval sources for Rossetti, Morris, Swinburne, and Arnold. Professor Booker. Hours: 3:00-5:00 daily.

s283. AMERICAN LITERATURE, 1830-1855. Credit, 2½ or 5 quarter hours. Through both terms. A survey of American Literature from 1830 to 1855, with emphasis upon Poe, Emerson, Thoreau, Lowell, and Hawthorne, and especial attention to the literature of the South. Professor Adams, Professor Paine. Hours: 11:00 daily.

s340. SPECIAL READINGS. Credit, 2½ or 5 quarter hours.

Through both terms. Professors Adams, Booker, Ericson, Howell, Bishop, Paine, Sharpe, Steadman, Thrall, Dr. Bailey.

s341. SPECIAL RESEARCH. Credit, 2½ or 5 quarter hours.

Through both terms. Professors Adams, Booker, Ericson, Howell, Bishop, Paine, Sharpe, Steadman, Thrall, Dr. Bailey.

FINE ARTS

s100. DRAWING AND PAINTING. No credit towards a degree.

First term. Mr. Speight. Hours to be arranged.

Students may take this work at any time during the day at their convenience. There are no prerequisites. The course consists of drawing and painting in any medium from a portrait model, landscape and still life painting, and the process of etching. Criticism will be given every day. There will be lectures on modern art with slides showing examples of works of modern masters. A small number of current American paintings will be on exhibition. The model will pose three hours morning or afternoon, but the studio will be open all hours during the day and for a while in the evening.

There is an extra charge of $5.00 for this course to cover overhead studio costs. Students in the course are expected to provide their own brushes and materials.

GEOLOGY

Courses for Undergraduates

s11. INTRODUCTION TO GEOLOGY. Credit, 6 quarter hours.

First term. Professor Huddle. Laboratory fee, $3.00. Hours: Lectures 8:00 daily, including Saturdays. Laboratory 2:00 to 5:00 four days a week.

s12. HISTORICAL GEOLOGY. Credit, 6 quarter hours.

Second term. Professor Prouty. Laboratory fee, $3.00. Hours: Lectures 8:00 daily, including Saturdays. Laboratory 2:00 to 5:00 four days a week.

s51. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Credit, 5 quarter hours.

First term. Professor Emory. Lectures 9:00 daily. Laboratory hours to be arranged.

s57. GEOGRAPHY OF NORTH AMERICA. Credit, 5 quarter hours.

Second term. Professor MacCarthy. Lectures 11:00 daily. Laboratory hours to be arranged.

Courses for Graduates and Advanced Undergraduates

s141. ADVANCED WORK IN PALEONTOLOGY, HISTORICAL GEOLOGY, STRATIGRAPHY, AND GEOGRAPHY. Credit, 5 quarter hours.

First term. Professors Huddle, Emory. Hours to be arranged.

s142. ADVANCED WORK IN PETROLOGY, MINERALOGY, ECONOMIC GEOLOGY, AND GEOGRAPHY. Credit, 5 quarter hours.

Second term. Professors Prouty, MacCarthy. Hours to be arranged.

Courses for Graduates

s304. GRADUATE WORK IN MICRO-PALEONTOLOGY, STRATIGRAPHY, AND GEOGRAPHY. Credit, 5 quarter hours.

First term. Professor Huddle. Hours to be arranged.

s305. GRADUATE WORK IN PETROGRAPHY, GEOPHYSICS, ECONOMIC GEOLOGY, AND GEOGRAPHY. Credit, 5 quarter hours.

Second term. Professors Prouty, MacCarthy. Hours to be arranged.

GERMAN

Courses for Undergraduates

s1. ELEMENTARY COURSE. Credit, 1 unit entrance or 5 quarter hours (towards A.B. only).

First term. Mr. Coenen. Hours: 8:00 and 12:00 daily.
Grammar: written and oral exercises; translation; sight reading.

s2. ELEMENTARY COURSE. Credit, 1 unit entrance or 5 quarter hours (towards A.B. only).

Second term. Dr. Spann. Hours: 8:00 and 12:00 daily.
Continuation of s1.

s3. INTERMEDIATE COURSE. Credit, 5 quarter hours.

First term. Professor Metzenthin. Hours: 8:00 and 10:00 daily.
Translation, sight reading, composition, grammar, oral exercises.

s4. INTERMEDIATE COURSE. Credit, 5 quarter hours.

Second term. Mr. Collins. Hours: 9:00 and 11:00 daily.
Continuation of s3.

s21. INTRODUCTION TO GERMAN LITERATURE. Credit, 5 quarter hours.

First term. Dr. Spann. Hours: 8:00 and 10:00 daily.
The classical period. Reading in Lessing, Goethe, and Schiller.

s22. GERMAN LITERATURE OF THE NINETEENTH CENTURY. Credit, 5 quarter hours.

Second term. Dr. Krumpelmann. Hours: 9:00 and 11:00 daily.
Wide reading from the best authors.

Course for Graduates

s223. GERMANIC PHILOLOGY. Credit, 2½ or 5 quarter hours.

Both terms. Professor Metzenthin. Hours to be arranged.
After a survey of the Indo-European family of languages the pre-historic, primitive Germanic language is explained and from it, as their source, the various Germanic dialects are traced and their historical developments discussed. An introduction to the reading and interpretation of Germanic manuscripts will be given.

HISTORY AND GOVERNMENT
HISTORY

Courses for Undergraduates

s2. FOUNDATIONS OF MODERN EUROPE. Credit, 3 quarter hours.

First term. Dr. Pegg. Hour: 11:00 daily, including Saturdays.
This course is an analysis of the chief factors in European civilization

from the eve of the French Revolution to the middle of the 19th century. Special attention is given to the advance of science and culture and to the rise of industrialism, liberalism, and nationalism.

s3. FOUNDATIONS OF MODERN EUROPE. Credit, 3 quarter hours.

Second term. Dr. Pegg. Hour: 11:00 daily, including Saturdays.

This course is concerned with the chief factors in western civilization from the middle of the 19th century to the present.

s41. ANCIENT HISTORY: GENERAL COURSE. Credit, 5 quarter hours.

First term. Professor Caldwell. Hours: 9:00 to 11:00 daily.

A course dealing with the history of civilization in the Orient, Greece, and Rome to the time of Constantine.

s48. AMERICAN HISTORY, 1865-1935: General Course. Credit, 5 quarter hours.

First term. Dr. Johnson. Hours: 9:00 to 11:00 daily.

A survey of the history of the United States in this period. Lectures, textbooks, and readings.

Courses for Graduates and Advanced Undergraduates

s102. THE AUGUSTAN AGE. Credit, 2½ quarter hours.

Second term. Professor Caldwell. Hour: 8:00 daily.

A survey of the political, social, economic, and religious phases of the history of the Roman Empire under Augustus and of the literary and artistic productions of the period.

s121. MEDIEVAL CIVILIZATION. Credit, 5 quarter hours.

First term. Professor MacKinney. Hours: 11:00 to 1:00 daily.

The development of medieval literature, learning, and arts; backgrounds of Roman, Christian, and Germanic influence; the problem of interpretation, whether a "Dark Age" followed by a "Renascence," or a graduate evolution; the influence of Theodoric, Charles the Great, Alfred the Great, the Ottos, the Crusades, Dante, and Petrarch on Europe's cultural growth.

s131. THE PROTESTANT REVOLT. Credit, 5 quarter hours.

First term. Professor Garrett. Hours: 8:00 to 10:00 daily.

An intensive study of religious, political, intellectual, and economic conditions on the eve of the Protestant Revolt, of the movements led by Luther, Calvin, and Henry VIII, and of the Catholic Reformation.

s132. THE RISE OF ABSOLUTISM IN EUROPE. Credit, 5 quarter hours.

Second term. Professor Garrett. Hours: 9:00 to 11:00 daily.

A detailed study of the Thirty Years' War, the ascendency of France, the rise of Prussia and Russia, and the decline of Poland and Turkey.

s136. EUROPE AND THE FAR EAST SINCE THE WORLD WAR. Credit, 2½ quarter hours.

First term. Dr. Pegg. Hour: 10:00 daily.

A course concerned with the major developments in Europe and the Far East since the World War.

s137. ENGLAND IN THE NINETEENTH CENTURY. Credit, 2½ quarter hours.

Second term. Professor Wagstaff. Hour: 11:00 daily.

A short survey of England in her political, social, and economic aspects during the 19th century.

s150. THE AMERICAN COLONIES, 1689-1783. Credit, 5 quarter hours.

Second term. Professor Lefler. Hours: 9:00 to 11:00 daily.

A general survey of the colonies as a whole at the opening of the eighteenth century, followed by an intensive study of their social, economic, and political development, immigration, conquest, and westward expansion; their imperial relations and part in international rivalries; constitutional controversies and development of colonial self-government; intercolonial relations, revolution, and independence; Federal relations and the formation of the American Union.

s162. NORTH CAROLINA, 1789-1900. Credit, 5 quarter hours.

First term. Dr. Newsom. Hours: 8:00 to 10:00 daily.

General survey of conditions at the close of the 18th century; origin and development of political parties; sectional controversies; political and constitutional development; education, internal improvements, and railroads; Federal relations; the slavery controversy; secession, civil war, and reconstruction; restoration of home rule; the rise of populism; the era of fusion; "white supremacy"; recent political, educational, and industrial development.

s164. THE SOUTH, 1877-1925. Credit, 5 quarter hours.

First term. Professor Thompson. Hours: 10:00 to 12:00 daily.

A course which deals with the economic, social, and political development of the Southern States since the close of Reconstruction. Emphasis will be laid upon the rise of industry in the South and its results.

Courses for Graduates

s201ab. HISTORIOGRAPHY. Credit, 5 quarter hours.

First and second terms. Professor Caldwell. Hours to be arranged.

Methods of research, schools of interpretation and the interrelation of history with the other social sciences; the history and bibliography of history.

s301. SEMINAR IN GREEK HISTORY. Credit, 2½ quarter hours.

Second term. Professor Caldwell. Hours to be arranged.

s321. SEMINAR IN EUROPEAN HISTORY. Credit, 5 quarter hours.

First and second terms. Professor Garrett. Hours to be arranged.

s331. SEMINAR IN AMERICAN HISTORY. Credit, 2½ or 5 quarter hours.

First and second terms. Dr. Newsom, first term, Professor Lefler, second term. Hours to be arranged.

GOVERNMENT

Courses for Undergraduates

s51. THE GOVERNMENT OF THE UNITED STATES. Credit, 5 quarter hours.

First term. Professor Jenkins. Hours: 9:00 and 11:00 daily.

A general course dealing with the national government of the United States. Attention will be directed to the constitutional basis, the historical development, and the practical organization and operation of the institutions established for administering national affairs.

Courses for Graduates and Advanced Undergraduates

s132. AMERICAN MUNICIPAL GOVERNMENT. Credit, 5 quarter hours.

Second term. Professor Woodhouse. Hours: 9:00 and 11:00 daily.

An historical survey of the development of governmental structure, theory, and functions in American municipalities, and careful analysis of existing

municipal conditions, with special attention to city and town government in North Carolina. Each student will make an intensive study of his own or of some other city or town.

s142. INTERNATIONAL RELATIONS. Credit, 5 quarter hours.

First term. Professor Frazer. Hours: 8:00 to 10:00 daily.

The problems of nationalism and internationalism, of imperialism, and the settlement of international conflicts will be considered in this course. It is designed to introduce the student to the basic facts of world politics.

s151. THE ELEMENTS OF POLITICAL SCIENCE. Credit, 5 quarter hours.

First term. Professor Pierson. Hours: 11:00 to 1:00 daily.

A general course in which a study is made of the principles of political science and of the important theories respecting the nature, origin, forms and ends of the state and government.

s153. POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY. Credit, 5 quarter hours.

Second term. Professor Robson. Hours: 11:00 to 1:00 daily.

An analysis of the development of liberal and democratic political thought, with emphasis on the ideas of the American and French Revolutions.

s159. THE BRITISH EMPIRE. Credit, 2½ quarter hours.

Second term. Professor Wagstaff. Hour: 8:00 daily.

The building and development of the British Empire from 1783 to the present, with emphasis laid on governmental machinery.

Courses for Graduates

s301. SEMINAR IN INTERNATIONAL RELATIONS. Credit, 2½ or 5 quarter hours.

First and second terms. Professor Frazer, first term, Professor Robson, second term. Hours to be arranged.

LATIN

Courses for Graduates and Advanced Undergraduates

s104. CICERO. Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 8:00.

A study of Cicero's works, with emphasis on those writings which deal particularly with his public career.

s107. ROMAN SATIRE. Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 11:00.

Readings from the Roman satirists, with lectures on the history and development of satire and reports on special topics.

s116. HORACE. Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 12:00.

A study of the poetry of Horace, its form, content, and relation to the life and conditions of the period.

s120. THE EPIGRAMS OF MARTIAL, AND PLINY'S LETTERS. Credit, 2½ quarter hours.

Second term. Professor Wagener. Hour: 9:00.

A study of the literary types, with readings from the authors to interpret their contributions to the literature and life of the period.

s121. ROMAN PHILOSOPHY: CICERO AND SENECA. Credit, 2½ quarter hours.

Second term. Professor Wagener. Hour: 11:00.

A study of the history of philosophy in Rome with particular reference to the contributions made by Cicero and Seneca. Readings from Cicero's *De Officiis* and *Tusculanae Disputationes* and from Seneca's *Dialogues* and *Epistulae Morales.*

s154. STUDIES IN THE LITERATURE OF THE CLASSICAL PERIOD. Credit, 2½ quarter hours.

Second term. Professor Gwynn. Hour: 8:00.

Courses Primarily for Graduates

s203. LATIN PALAEOGRAPHY. Credit, 2½ quarter hours.

First term. Professor Harrer. Hour: 9:00.

The course will be largely concerned with a study of the Roman and Mediaeval forms of writing by which the works of Roman authors have been transmitted.

s301. LATIN SEMINAR. Credit, 2½ quarter hours.

First term. Professor Harrer. Hour: 10:00.

This course is designed for students working for an advanced degree. Its subject will be a critical study of an author, or of a literary type, of the Classical period.

s302. LATIN SEMINAR. Credit, 2½ quarter hours.

Second term. Professor Wagener. Hour: 10:00.

This course is designed for students working for an advanced degree. Its subject will be a critical study of an author, or of a literary type, of the Classical period; e. g. Epic Poetry of the Early Empire.

s310. THESIS COURSE. Credit, 2½ quarter hours.

First term. Professor Harrer.

For graduate students only who desire to work on their dissertations for an advanced degree. Individual topics, and individual conferences. The work carries credit only in connection with the completed dissertation.

LIBRARY SCIENCE

s101a-b. CATALOGING AND CLASSIFICATION. Credit, 2½ or 5 quarter hours.

First term. Professor Akers. Hours: (a) 8:00, (b) 9:00 daily. Laboratory, 3:00-4:30 two afternoons a week to be arranged.

s111a-b. REFERENCE AND BIBLIOGRAPHY. Credit, 2½ or 5 quarter hours.

Second term. Miss Nix. Hours: (a) 8:00, (b) 9:00 daily.

s121a-b. PRINCIPLES OF BOOK SELECTION. Credit, 2½ or 5 quarter hours.

Through both terms. Miss Moss, first term; Miss Bailey, second term. Hour: 10:00 daily.

s122a-b. BOOK SELECTION FOR HIGH SCHOOL LIBRARIES. Credit, 2½ or 5 quarter hours.

Through both terms. Miss Moss, first term; Miss Bailey, second term. Hour: 11:00 daily.

MATHEMATICS

Courses for Undergraduates

s1. COLLEGE ALGEBRA. Credit, 5 quarter hours.
First term. Professor Mackie. Hours: 8:00 and 10:00.

s2. PLANE TRIGONOMETRY. Credit, 5 quarter hours.
Second term. Professor Hoyle. Hours: 8:00 and 10:00.

s13. ANALYTIC GEOMETRY. Credit, 5 quarter hours.
First term. Professor..... Hours: 10:00 to 12:00.

s24. DIFFERENTIAL CALCULUS. Credit, 5 quarter hours.
First term. Professors Lasley and Winsor. Hours: 9:00 and 11:00.

s25. INTEGRAL CALCULUS. Credit, 5 quarter hours.
Second term. Professors Hoyle and Browne. Hours: 9:00 and 11:00.

Courses for Graduates and Advanced Undergraduates

s103. INTRODUCTION TO HIGHER GEOMETRY. Credit, 2½ quarter hours.
First term. Professor Winsor. Hour: 8:00.
This course is designed primarily for teachers who wish a knowledge of some of the developments in Geometry since the time of Euclid.

s131. THEORY OF EQUATIONS. Credit, 2½ or 5 quarter hours.
Through both terms. Professor Winsor first term, Professor Hobbs second term. Hour: 9:00.
Equations of higher degree, determinants, elimination, symmetric functions, etc.

s141. DIFFERENTIAL EQUATIONS. Credit, 2½ or 5 quarter hours.
Through both terms. Professor Henderson first term, Professor Hobbs second term. Hour: 8:00.
A study of differential equations and their applications to selected problems in both pure and applied mathematics.

s161. ANALYTIC GEOMETRY OF SPACE. Credit, 2½ or 5 quarter hours.
Through both terms. Professor Lasley first term, Professor Browne second term. Hour: 10:00.
Quadric surfaces, quadriplanar and tetrahedral coordinates, space curves, curvature, etc.

s171. ADVANCED CALCULUS. Credit, 2½ quarter hours.
First term. Professor Mackie. Hour: 11:00.
This course furnishes a background for the further study of analysis. Its chief purpose is rigor in demonstration.

Courses Primarily for Graduates

s261. DIFFERENTIAL GEOMETRY. Credit, 2½ or 5 quarter hours.
Through both terms. Professor Lasley first term, Professor Browne second term. Hour: 12:00.
A study of curves and surfaces and curves on surfaces by means of differential equations.

s271. INTRODUCTION TO THE THEORY OF RELATIVITY. Credit, 2½ quarter hours.

First term. Professor Henderson. Hour: 9:00.

In this course the essential features of the special and general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Lorentz transformation and of the three crucial tests of the theory.

MUSIC

Courses for Undergraduates

s4. MUSICAL NOTATION, SIGHT-SINGING, AND DICTATION. Credit, 3 quarter hours.

Each term. Professor Spelman and assistant. 8:00 and 3:00 daily.

A course in the rudiments of musical notation with practice in reading and writing scales, intervals, melodies, and elementary harmonic materials. No prerequisites or previous training are necessary, but previous musical experience will obviously be of great value to the student. Ten hours a week distributed on the basis of two hours lecture and eight hours laboratory practice.

*s5. MUSICAL NOTATION, SIGHT-SINGING, AND DICTATION. Credit, 3 quarter hours.

Second term. Professor Spelman.

Continuation of s4.

s14. HARMONY. Credit, 2½ quarter hours.

Each term. Professor Spelman. 9:00 daily.

Prerequisite s4. Students who do not have this prerequisite may take it concurrently.

*s15. HARMONY. Credit, 2½ quarter hours.

Second term. Professor Spelman.

Continuation of s14.

s24. HISTORY OF MUSIC. Credit, 2½ quarter hours.

First term. Professor McCorkle. 11:00 daily.

A course in the general history of music from primitive music to the present. Lectures, assigned readings, with musical illustrations.

s25. HISTORY OF MUSIC. Credit, 2½ quarter hours.

Second term. Professor Swalin. 11:00 daily.

s24 is not prerequisite.

*s44. ADVANCED HARMONY. Credit, 2½ quarter hours.

Each term. Professor Spelman.

s54. MUSIC AS A LITERATURE. Credit, 3 quarter hours.

First term. Mr. McCorkle. 12:00 daily and other hours to be arranged. (Ten hours per week distributed on the basis of two lectures and eight laboratory periods a week.)

A course designed to direct the understanding, feeling, and taste of the music lover to the end of intelligent listening to music. A moderate degree of musical experience will be helpful but is not necessary. Intended for students whose major is not music. Will not be accepted as part of the major.

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* This course will be given if the demand warrants.

The work in the summer terms is planned so that a properly prepared graduate student can complete the requirements for the M.A. degree in three summers of two terms each.

s55. MUSIC AS A LITERATURE. Credit, 3 quarter hours.

Second term. Mr. Swalin. 12:00 daily and other hours to be arranged. (Ten hours per week distributed on the basis of two lectures and eight laboratory periods a week.) s54 is not prerequisite.

s61. MODAL COUNTERPOINT IN THE 16TH CENTURY STYLE. Credit, 3 quarter hours.

Each term. First term, Professor Haydon; second term, Professor Schinhan. 2:00 daily.

Study and practice of the contrapuntal technique of the 16th century; the writing of simple motets.

*s62. MODAL COUNTERPOINT IN THE 16TH CENTURY STYLE. Credit, 3 quarter hours.

Second term.

Applied Music—Individual Instruction

The courses in Applied Music are open to students in any department of the University. The work in these courses is regarded not merely as technical training in performance but also as a study of musical literature. A course in Applied Music normally extends through three quarters, and credit will not be given except on completion of an entire course.

The following regulations govern individual instruction in Applied Music: *Fees.* $12.00 a term for one lesson a week; $18.00 a term for two lessons a week. Practice rooms and periods are assigned at the Music Department office. Fee for one hour daily practice period—$2.00 a term; fee for two hours daily practice period—$3.00 a term; fee for six hours practice a week on Reuter four manual organ—$8.00 each term. Other rates in proportion. All fees for Applied Music and practice must be paid at the Business Office.

sA, sB, sC, sD, sE to s81A, s81B, s81C, s81D, s81E. Individual instruction in organ, piano, voice, violin, and other band and orchestral instruments. Hours and credit by arrangement.

sA. PREPARATORY ORGAN.

s1A. FIRST YEAR ORGAN.

s21A. SECOND YEAR ORGAN.

s51A. THIRD YEAR ORGAN.

s81A. FOURTH YEAR ORGAN.

Similar numbering applies to each of the courses B, C, D, and E.

B. PIANO.

C. VOICE.

D. VIOLIN.

E. OTHER BAND AND ORCHESTRAL INSTRUMENTS.

Courses for Graduates and Advanced Undergraduates

s101. MUSICOLOGY. Credit, 2½ quarter hours.

First term. Professor Haydon. 3:00 daily.

A study of the problems and methods in the various fields, historical and systematic, of musical research.

s102. MUSICOLOGY. Credit, 2½ quarter hours. Second term. Professor Schinhan. 3:00 daily.

s101 is not prerequisite.

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* This course will be given if the demand warrants.

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*s124. STUDIES IN THE HISTORY OF MUSIC. Credit, 2 quarter hours.

First term.

A critical study of certain composers or periods of musical development. Prerequisite, a general course in the history of Music and some knowledge of music theory.

*s125. STUDIES IN THE HISTORY OF MUSIC. Credit, 2½ quarter hours.

s124 is not prerequisite.

Courses Primarily for Graduates

s201. SPECIAL STUDIES. Credit and hours to be arranged.

First term. Professor Haydon. Second term Professor Swalin.

PHARMACY

It is recommended that students interested in taking any courses in pharmacy write in advance to the Dean of the School of Pharmacy stating all subjects which they would like to pursue.

The following offerings are for the First Term only. Hours to be arranged.

s10. PHARMACEUTICAL MATHEMATICS. Credit, 3 quarter hours.

A course that relates arithmetic and mathematics to the special problems arising in dispensing and merchandising calculations involved in pharmaceutical practice. Lectures daily, including Saturdays. Professor Jacobs.

s11. PHARMACEUTICAL TECHNIQUE. Credit, 5 quarter hours.

The lectures deal with the theory and practice of pharmacy. The laboratory work acquaints the student with the fundamental manipulations involved. Textbooks: *U. S. Pharmacopoeia; National Formulary.* Lectures daily. Laboratory fee, $3.00. Professor Burlage.

s12. PHARMACEUTICAL LATIN. Credit, 3 quarter hours.

A course covering the essentials necessary to the understanding of pharmaceutical terminology and to the proper reading of prescriptions. Lectures daily, including Saturdays. Professor Burlage.

NOTE: To be offered only if the number of applicants for s13 is too small to justify the course.

s13. PHARMACEUTICAL TECHNIQUE AND PREPARATIONS. Credit, 3 quarter hours.

A continuation of Pharmacy s11 dealing with the more advanced theories and manipulations of pharmacy. Simple galenical preparations are studied and prepared. Textbooks: Same as Pharmacy s11. Lectures daily. Laboratory fee, $3.00. Professor Burlage.

s22. INORGANIC PHARMACY. Credit, 5 quarter hours.

Official inorganic compounds are studied. The laboratory work deals with the compounds and preparations involving chemical reactions. Textbooks: Same as Pharmacy s11; also *New and Non-official Remedies.* Lectures daily. Laboratory fee, $4.00. Professor Jacobs.

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* This course will be given if the demand warrants.

The work in the summer terms is planned so that a properly prepared graduate student can complete the requirements for the M.A. degree in three summers of two terms each.

PHYSICS

Courses for Undergraduates

s21. GENERAL PHYSICS. PART I. Credit, 6 quarter hours.

First term. Professor Plyler and Mr. Gordy. Laboratory fee, $4.00. Hours: Lectures 8:00 to 10:00 daily. Laboratory 2:00 to 5:00 Tuesday and Thursday. Prerequisite, Freshman Mathematics.

s22. GENERAL PSYCHOLOGY (Second Half). Credit, 6 quarter hours.

Second term. Mr. Barr and Mr. Craven. Laboratory fee, $4.00. Hours: Lectures 8:00 to 10:00 daily. Laboratory 2:00 to 5:00 Tuesday and Thursday. Prerequisite, Freshman Mathematics and Physics 21.

s54. MODERN DEVELOPMENTS IN PHYSICS. Credit, 5 quarter hours.

First term. Professor Fussler. Hours: Lectures 8:00 to 10:00 daily. Prerequisite, Physics 21-22, except by permission.

Courses for Graduates and Advanced Undergraduates

s140. ELECTRICITY AND MAGNETISM. Credit, 5 quarter hours.

Second term. Professor Plyler. Hours: Lectures 9:00 to 11:00 daily. Prerequisite, Mathematics 25 and one of the following: Physics 52, 53, 55 or 56; or equivalent preparation.

Courses for Graduates

s260. ATOMIC STRUCTURE. Credit, 5 quarter hours.

First term. Professor Stuhlman. Hours: Lectures 8:00 to 10:00 daily. Prerequisite, Mathematics 25, Physics 53, 110, and 160.

s301 and s302. RESEARCH. Credit, 5 quarter hours.

First term, Professor Plyler and Professor Stuhlman; second session, Professor Plyler. Hours by arrangement.

PSYCHOLOGY

Courses for Undergraduates

s21. GENERAL PSYCHOLOGY. (First Half.) Credit, 6 quarter hours.

First term. Dr. Bayroff, Mr. Wickens, Mr. Spelt. Hours: 11:00 to 1:00 daily.

The essential phenomena of human nature with emphasis upon the experimental method of approach. Lectures, demonstrations, experiments. Identical with the Psychology 21 as offered during the regular school year. Eight lecture and eight laboratory and demonstration hours per week. Laboratory fee, $4.00.

s22. GENERAL PHYSICS. PART II. Credit, 6 quarter hours.

Continuation of Psychology s21. Second term. Dr. DeWick, Mr. Wickens, Mr. Spelt. Hours: 11:00 to 1:00 daily. Eight lecture and eight laboratory and demonstration hours per week. Laboratory fee, $4.00.

Courses for Graduates and Advanced Undergraduates

s104. ADVANCED GENERAL PSYCHOLOGY. Credit, 5 quarter hours.

Second term. Professor Dashiell. Hours: 9:00 to 11:00 daily.

A systematic but critical survey of the general field, with emphasis upon the very latest research methods and results.

s145. ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS. Credit, 5 quarter hours.

First term. Professor Crane. Hours: 9:00 and 11:00 daily.

Presentation of the psycho-neural aspects of feeble-mindedness in general, and of the various types, together with their importance in relation to the problems of education, dependency, and delinquency. There will be discussion and demonstration of the various clinical methods of determination and classification of feeble-mindedness. Laboratory fee, $1.00.

Courses for Graduates

s202. RESEARCH IN PSYCHOLOGY. Credit, 3 quarter hours.

First term. Professor Crane and Dr. Bayroff. Hours to be arranged.

Assistance and advice will be available to students wishing to conduct experimental investigations on individual lines. Laboratory fee, $1.00.

s203. RESEARCH IN PSYCHOLOGY. Credit, 3 quarter hours.

Second term. Professor Dashiell and Dr. DeWick. Hours to be arranged. Continuation of s202. Laboratory fee, $1.00.

PUBLIC ADMINISTRATION

s198a. JUVENILE DELINQUENCY. (Sociology 198.) Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 8:00 daily.

This course deals primarily with the diagnosis of juvenile delinquency from the social worker's viewpoint, but should prove of practical value to teachers and others who are called upon to solve the conduct problems of children. In attempting to evaluate the causative factors of delinquency, the contributions of the various social sciences will be considered, with particular emphasis upon the psychological and the sociological aspects.

s160a. INTRODUCTION TO SOCIAL WORK. (Sociology 160.) Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 10:00 daily.

Essentially a professional course in social problems for social workers, with the major emphasis upon methods of treatment. After a brief discussion of the nature, purpose, and scope of social work in general, more detailed consideration will be devoted to methods of care of the aged poor, the destitute, the mentally defective, the physically handicapped and diseased.

s164. FAMIL CASE WORK. Credit, 5 quarter hours.

First term. Dr. Jocher. Hours: 9:00 and 11:00 daily.

Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis, treatment.

ROMANCE LANGUAGES

French

Courses for Undergraduates

*s1. ELEMENTARY COURSE. Credit, 1 unit entrance.

First term. Mr. Carroll. Hours: 8:00 and 12:00 daily.

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* Entrance credit only.

*s2. ELEMENTARY COURSE. (Continuation of French 1.) Credit, 1 unit entrance.

Second term. Mr. Creech. Hours: 8:00 and 12:00 daily.

s3. INTERMEDIATE FRENCH. Credit, 5 quarter hours.

First term. Professor Staab. Hours: 8:00 and 12:00 daily.

s4. INTERMEDIATE FRENCH (continuation of French 3). Credit, 5 quarter hours.

Second term. Dr. Linker. Hours: 8:00 and 12:00 daily.

s21. INTRODUCTION TO FRENCH LITERATURE. Prerequisite, French 3-4. Credit, 5 quarter hours.

First term. Dr. McLeod. Hours: 9:00 and 11:00 daily.

Introduction to the study of French literature to the end of the 17th century.

s22. MODERN FRENCH LITERATURE. Prerequisite, French 21. Credit, 5 quarter hours.

Second term. Mr. Smith. Hours: 9:00 and 11:00 daily.

A general survey of French literature since the classical period with special stress on the 19th century.

Courses for Graduates and Advanced Undergraduates

s131. THE FRENCH DRAMA PRIOR TO 1700. Prerequisite, French 22. Credit, 5 quarter hours.

Through both terms. First term, Professor Holmes. Second term, Professor Wiley. Hour: 11:00 daily.

s145. FRENCH PHONETICS. Prerequisite, French 21. Credit, 5 quarter hours.

Second term. Professor Wiley. Hours: 9:00 to 11:00 daily.

s191. FRENCH ROMANTICISM. Prerequisite, French 22. Credit, 5 quarter hours.

First term. Professor Dey. Hours: 9:00 to 11:00 daily.

Courses Primarily for Graduates

s222. OLD FRENCH. Credit, 5 quarter hours.

Through both terms. Professor Holmes. Hour: 12:00 daily.

s225. PROVENÇAL. Credit, 5 quarter hours.

Through both terms. Professor Holmes. Hour: 3:00 daily.

s395. RESEARCH. Credit, 5 quarter hours.

Through both terms. (Research in a special field under the direction of a member of the department.)

Spanish

Courses for Undergraduates

*s1. ELEMENTARY COURSE. Credit, 1 unit entrance.

First term. Mr. Smith. Hours: 8:00 and 12:00 daily.

*s2. ELEMENTARY COURSE. (Continuation of Spanish 1.) Credit, 1 unit entrance.

Second term. Mr. Smith. Hours: 8:00 and 12:00 daily.

* Entrance credit only.

s3. INTERMEDIATE SPANISH. Credit, 5 quarter hours.

First term. Mr. Hayes. Hours: 8:00 and 12:00 daily.

s4. INTERMEDIATE SPANISH. (Continuation of Spanish 3.) Credit, 5 quarter hours.

Second term. Mr. Hayes. Hours: 8:00 and 12:00 daily.

Courses for Graduates and Advanced Undergraduates

s109. EARLY SPANISH PROSE FICTION. Credit, 5 quarter hours.

Second term. Professor Stoudemire. Hours: 9:00 and 12:00 daily.

s132. CALDERON AND HIS CONTEMPORARIES. Credit, 5 quarter hours.

Through both terms. First term, Professor Leavitt. Second term, Mr. Stoudemire. Hour: 11:00 daily.

s134. SPANISH DRAMA OF THE NINETEENTH CENTURY. Credit, 5 quarter hours.

First term. Professor Leavitt. Hours: 9:00 and 12:00 daily.

Course Primarily for Graduates

s395. RESEARCH. Credit, 5 quarter hours.

Through both terms. (Research in a special field under the direction of a member of the department.)

RURAL SOCIAL-ECONOMICS

Courses for Undergraduates

s51. RURAL ECONOMICS. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hour: 9:00 daily.

A general course in the principles and problems of rural economy, with special attention given to the economics of agriculture in North Carolina and the South.

s53. HISTORY OF AGRICULTURE AND RURAL LIFE. Credit, 2½ quarter hours.

Second term. Professor Hobbs. Hour: 9:00 daily.

This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Greece and Rome; later agriculture in Europe; American agriculture.

s71. RURAL SOCIOLOGY. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hour: 11:00 daily.

Introduction to rural sociology, with some emphasis on rural social conditions and problems in North Carolina and the South.

Courses for Graduates and Advanced Undergraduates

s101a. NORTH CAROLINA: ECONOMIC AND SOCIAL. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hour: 10:00 daily.

This course is designed to familiarize the student with North Carolina: natural resources, population, agriculture, social conditions, economic conditions, industry, wealth, taxation, education, public health, and public welfare.

s101a. NORTH CAROLINA: ECONOMIC AND SOCIAL. Credit, ½ course.

Second term. Professor Hobbs. Hour: 10:00 daily.
Same as above.

s101b. NORTH CAROLINA: ECONOMIC AND SOCIAL. Credit, 2½ quarter hours.

Second term. Professor Hobbs. Hour: 11:00 daily.

This course is the continuation of 101a and may be taken by any student who has previously taken the first half of this course, either in residence or Extension, and by those registered for s101a, second term.

Courses for Graduates

s311. RURAL SOCIOLOGY. Credit, 5 quarter hours.

Reading and Research. Through both terms. Professor Hobbs. Hours to be arranged.

SOCIOLOGY

Courses for Undergraduates

s41. INTRODUCTION TO SOCIOLOGY. Credit, 5 quarter hours.

First term. Mr. Moore. Hours: 9:00 and 11:00.
A study of social origins, contemporary society, geographical, biological, and psychological forces in society, and the elements of social theory.

s42. SOCIAL PROBLEMS. Credit, 5 quarter hours.

Second term. Professor Beaty. Hours: 9:00 and 11:00.
A general course giving primary emphasis to positive features and secondary consideration to the pathological aspects of society. A study of such questions as race, immigration, the family, and the community.

Courses for Graduates and Advanced Undergraduates

s152a-b. SOCIAL THEORY. Credit, 2½ or 5 quarter hours.

Through both terms. Professor Vance. Hour: 12:00.
A survey of the range of contemporary social theory with preliminary consideration of its historical background. Students in the second term may take s152b without having had s152a.

s161a-b. THE FAMILY. Credit, 2½ or 5 quarter hours.

Through both terms. Professor Groves. Hour: 8:00.
The history, purpose and problems of the family with special attention to social conditions influencing family life and efforts for family conservation. Open to both men and women. s161b may be taken by students in the second term without s161a.

s168. THE COMMUNITY. Credit, 5 quarter hours.

First term. Professor Brooks. Hours: 9:00 and 11:00.
Emphasis upon social planning in connection with such problems as housing, delinquency areas, slum clearance, and recreation.

s171a-b. EDUCATIONAL SOCIOLOGY. Credit, 5 quarter hours.

Through both terms. Professor Groves. Hour: 10:00.
Education as a process of social control and achievement. The social resources of the school and other educational resources.

Courses for Graduates

s215a-b. SOCIAL DEMOGRAPHY. Credit, 5 quarter hours.

Through both terms. Professor Vance. Hours: Tuesday and Thursday afternoons.

The course attempts to synthesize the emerging concepts of culture and the region by depicting the resulting cultural landscapes. The contributions of cultural anthropology, social geography, regional sociology, and human ecology.

ZOÖLOGY

Courses for Undergraduates

s41a. FUNDAMENTALS OF ANIMAL BIOLOGY. Credit, with s41b, 3 quarter hours.

First term. Professor Reynolds. Hours: 8:00 daily and Monday 2:00 to 4:00.

Elements of anatomy, physiology, and classification of animals.

s41b. PRACTICAL STUDIES IN ANIMAL BIOLOGY. Credit, with 41a, 3 quarter hours.

First term. Professor Reynolds. Hours: 2:00 to 4:00 T., W., Th., F.

This is the laboratory part of the General Zoölogy course and both s41a and s41b must be taken by all students registering for the course. Laboratory fee, $5.00.

s43. SURVEY COURSE IN LOCAL NATURAL HISTORY. Credit, 3 quarter hours.

First term. Professor Dendy. Twelve hours of collecting and laboratory work weekly. Hours to be arranged with the Professor.

Collecting, culturing, quick study of many forms. Especially designed for teachers of biology to help them in making collections of biological materials for their schools. Laboratory fee, $2.50.

Work for Graduates

While no formal work is offered for graduate students during the summer, any who are capable of working under their own initiative are extended the courtesy of the laboratories and will be given such direction and advice as can be given by any members of the staff who may be in residence.

THE SCHOOL OF LAW

The Summer Session of the School of Law offers opportunity: (1) For those who desire to begin the study of law, courses in Administration of Justice, Contracts, and Personal Property. (2) For advanced students, courses in Appellate Practice, Constitutional Law, Legal Method, and Trusts. Law students may thus supplement the work of the regular year by additional courses, some of which are not otherwise available, or they may shorten the period of study for the law degree to two regular years and three summer sessions.

During the regular session the Law School is operated on the semester plan and not on the quarter plan. The Summer Session is divided into two terms of five and one-half weeks each, the dates of each term differing slightly from those of the regular University

Summer Session, as follows: first term, June 12-July 20; second term, July 22-August 28.

Separate credit may be obtained for the work of each term. Credit for two and one-half semester hours will be given for each subject completed each term. All classes meet daily, from Monday to Friday, inclusive, for one hour and twenty minute periods each. Two courses constitute the maximum load for which a student may register. Attendance throughout the entire Summer Session enables the successful student to obtain credit equivalent to one-third of a regular year's work.

Faculty. Visiting professors for the summer session of 1935 include: Walter Wheeler Cook of The Johns Hopkins University; Harold C. Havighurst of Northwestern University; Philip Mechem of the State University of Iowa; and Edson R. Sunderland of the University of Michigan. Resident members of the faculty who will offer courses this summer are: Professors James H. Chadbourn, Frederick B. McCall, M. T. Van Hecke, and Robert H. Wettach.

Requirements for Admission. For students beginning the study of law, the completion of the first three years of work required for an academic degree in an accredited college. For advanced students, good standing at a member school of the Association of American Law Schools.

Fees. Residents of North Carolina, $40.00 for one term, $75.00 for both terms; non-residents, $55.00 for one term, $100.00 for both terms. *Room rent* in Carr Building, reserved exclusively for the use of law students, is $15.00 for each occupant of a double room, for each summer term.

The School of Law of the University of North Carolina is approved by the American Bar Association, and is a member of the Association of American Law Schools.

STAFF OF INSTRUCTION

Members of the University's Regular Staff

JAMES HARMON CHADBOURN, A.B., J.D. ..... LAW
Assistant Professor of Law — First Term

FREDERICK BAYS McCALL, A.B., LL.B. ..... LAW
Professor of Law — Second Term

MAURICE TAYLOR VAN HECKE, Ph.B., J.D. ..... LAW
Professor of Law and Dean — Second Term

ROBERT HASLEY WETTACH, M.A., LL.B., S.J.D. ..... LAW
Professor of Law — Second Term

Visiting Instructors

WALTER WHEELER COOK, M.A., LL.M., LL.D. ..... LAW
Professor of Law, The Johns Hopkins University, Baltimore, Md. — Second Term

HAROLD CANFIELD HAVIGHURST, A.M., LL.B. ..... LAW
Professor of Law, Northwestern University, Chicago, Ill. — First Term

PHILIP MECHEM, B.A., LL.B., J.S.D. ..... LAW
Professor of Law, State University of Iowa, Iowa City, Iowa — First Term

EDSON R. SUNDERLAND, A.M., LL.B., LL.D. ..... LAW
Professor of Law and Legal Research, University of Michigan, Ann Arbor, Michigan — First Term

LAW

Courses for Beginners

ADMINISTRATION OF JUSTICE. Credit, 2½ semester hours.
First term. Professor Chadbourn. Hour: 11:00-12:20 daily.

CONTRACTS. Credit, 2½ semester hours.
Both terms. Professor Havighurst and Professor Van Hecke. Hour: 8:00-9:20 daily.

PERSONAL PROPERTY. Credit, 2½ semester hours.
Second term. Professor McCall. Hour: 11:00-12:20 daily.

Courses for Advanced Students

APPELLATE PRACTICE. Credit, 2½ semester hours.
First term. Professor Sunderland. Hour: 9:30-10:50 daily.

CONSTITUTIONAL LAW. Credit, 2½ semester hours.
Second term. Professor Wettach. Hour: 9:30-10:50 daily.

LEGAL METHOD. Credit, 2½ semester hours.
Second term. Professor Cook. Hour: 11:00-12:20 daily.

TRUSTS. Credit, 2½ semester hours.
First term. Professor Mechem. Hour: 11:00-12:20 daily.

PART III—SPECIAL FEATURES

In addition to the courses of instruction announced in Part II of this Bulletin the 1935 Summer Session will sponsor a general program of entertainment, recreation, lectures, and conferences. These special features can not be announced in complete detail at this time. More specific announcements concerning them will be announced from week to week while the summer school is in session. Some of these attractions for which preliminary arrangements have been made are as follows:

A program of social activities and week-end dances will be conducted by the Social Committee.

The Department of Music will put on a series of faculty and student recitals.

Carolina Playmakers

The Carolina Playmakers as in previous summers will present a play in their beautiful little Playmakers Theatre on the University campus or in the Forest Theater in Battle Park adjoining the campus. Summer school students interested in dramatics will have an opportunity to take part in this production as actors and also in designing and construction of the scenery, costuming, lighting and make-up of the production. The play to be presented and the dates on which it will be given will be announced later.

Dr. Groves Will Lecture on Marriage and the Family (July 8-12)

In response to a growing interest in the development of instruction designed to give preparation for marriage, Professor Ernest R. Groves will have charge of a one week's course in the methodology of teaching courses dealing with the problems of marriage and the family. This course is open to men and women who are graduates of colleges or schools of medicine, law, or theology, and who already are giving or are preparing to give courses in marriage and the family. In connection with it a series of evening lectures is being planned to be given by specialists who professionally deal with problems related to marriage. The course will be given July 8 to 12. Correspondence regarding it should be addressed to Dr. Groves.

State Conference on Adult Education

The Extension Division and the Summer Session of The University of North Carolina will conduct at Chapel Hill on July 17 and 18 the third State Conference on Adult Education. Representatives of agencies engaged in educational activities for adults are invited to attend.

The purpose of the Conference is to discuss present programs, the inter-relationship of agencies, the coördination of effort, and the development of a state-wide program of adult education.

For complete information regarding the Conference, write to R. M. Grumman, Director, University Extension Division, Chapel Hill, N. C.

Conference on Art Education

Under the auspices of the Southern Art Projects a Conference on Art Education will be held at Chapel Hill, Friday, July 19th. Art teachers in schools and colleges are especially invited to attend. In addition to lectures on the History of Art, and Art Appreciation, there will be an exhibition of school work in arts and crafts. For further information write to R. M. Grumman, Chapel Hill, N. C.

Writers' Conference

The Extension Division of the University of North Carolina will conduct a Writers' Conference during the first two weeks in August at one of the attractive resorts near the Great Smoky Mountains National Park. The purpose of the Conference is to give an opportunity to those persons interested in written expression to meet informally under pleasant conditions, to confer with experienced writers, to gain practice in self-expression, and to consider what may be done to further the advancement of writing as regards its regional aspects. The Conference will be under the direction of Professor Phillips Russell.

Address R. M. Grumman, Secretary, Chapel Hill, N. C., for further particulars.

Course in Instruction and Administration

A special course dealing with problems of instruction and administration in higher educational institutions will be conducted during the first term by members of the staff and distinguished visiting lecturers.

In this course an examination will be made of certain basic conceptions which underlie and bear upon higher education. Particular attention will be given to the curriculum and to problems of instruction and administration. The course is intended for persons who are now engaged or who expect to engage in higher educational work as teachers or administrators. Among the topics to be discussed are: curriculum revision; survey and orientation courses; honors courses; prediction of success of college students; the relation of the college to the graduate school; the obligations of higher educational institutions in matters of student health, recreational activities, and avocational interests; student guidance, records and reports; admission requirements and procedure; the administration of the admissions

office and its relation to other administrative offices; educational and personnel administration. Visiting lecturers will include Dean Herbert E. Hawkes and Professor Harry Carman, of Columbia University; President James M. Wood, of Stephens College, Columbia, Missouri; Dean M. E. Haggerty and Professor F. L. Hovde, of the University of Minnesota; President J. L. Meader, of Russell Sage College, Troy, New York; Dean Geneva Drinkwater, of The Woman's College of The University of North Carolina; and others. A special announcement will be issued on this course later.

In addition, plans are being made to conduct during the first term a conference on problems of public educational administration, to be led by authorities in this field. This will be a non-credit course and open to public school administrators and others interested. A special announcement will be issued on this conference later.

Eighth Annual Parent-Teacher Institute (August 19-23)

The Extension Division, in coöperation with the North Carolina Congress of Parents and Teachers, will hold at Chapel Hill during the period August 19-23, inclusive, the eighth annual Parent-Teacher Institute. Summer Session students are invited to attend and may secure information from R. M. Grumman, 312 South Building, Chapel Hill, N. C.

Fourteenth Annual Coaching School for Athletic Directors and Coaches (August 19-31)

The fourteenth annual coaching school for athletic directors and coaches will be conducted at Chapel Hill from August 19 until August 31. Instruction will be given in the coaching of football, basketball, baseball, track, boxing, and wrestling, and in training and conditioning. Robert A. Fetzer, Director of Athletics at the University of North Carolina, will serve as director of the school and the various members of the University's regular coaching staff will serve as instructors. Information concerning the school may be secured from E. R. Rankin, Secretary, 314 South Building. Attention is called to the course in Community Hygiene offered in the first term of the Summer Session. See in PART TWO—COURSES OFFERED, BACTERIOLOGY.

Social Activities

The Committee on Social Activities, H. F. Comer, Chairman, is in control of the evening socials in the gymnasium and of all dances given by student groups. It is the policy of the committee to foster the maximum amount of wholesome social life compatible with good scholarship work. In keeping with this policy, the essential regulations are kept down to the minimum number. There will be dancing in the

gymnasium regularly, under the management of the social committee, on Friday and Saturday evenings. Inasmuch as there is no appropriation or fee for defraying the expenses of social programs, the dances have to be self-supporting. Therefore, a small door fee is charged of all men at each dance—fifty cents for the two-and-one-half-hour periods.

Permissions for all dances given by students anywhere and at any time must be obtained in advance from the chairman of the Social Activities Committee.

The highest standard of conduct has characterized our social functions in the past and the Summer School insists that this be the case at all times.

The Y. W.-Y. M. C. A.

The Y. W.-Y. M. C. A. is a combined organization of Y. W. C. A. and Y. M. C. A. It has a mixed cabinet of men and women students, about thirty in number, with an employed staff of three secretaries, two women and one man. This Association serves the entire Summer School, and in campus vernacular is called simply the "Y." It has headquarters in the Y. M. C. A. building which is located in the heart of the campus. The location of the building typifies the place the Association fills in the life of the community, for it is truly the center of campus activities.

The principal points of the "Y's" program for the summer are the following:

1. Operating the "Y" building, as a Campus Home—or club for all—having lobby; parlor, with piano, etc.; reading room and book shop; committee rooms; telephone for local and long distance service; ice water, etc. In the building a host and hostess are always present to receive and serve students and their friends.

2. A distinctive form of campus service is rendered through the "Y" office, in an Information and Lost and Found Bureau. A master directory is kept here, of all students and faculty. Telegrams and long distance calls are handled through this office. Found articles are turned in here and prompt effort is made to locate the owner. Inquiries are also left at the office for lost articles. Any information desired, in fact, may be had here, for if we cannot answer your questions we know who can and will direct you to them.

3. Special attention is given the many visitors who come to the campus throughout the summer. You are invited to instruct your visiting friends to "Report at the 'Y' " and wait in the lounge while we send for you.

4. Religious program is given constant and thorough attention by the "Y" organization during the summer. It coöperates with the five local churches in their efforts for students. It conducts a vesper, or 12-minute prayer service every evening immediately following

supper. The "Y" promotes a union church program for the month of August.

5. The Social and Entertainment department is very active all the time. It provides music and general facilities for amusement. There is a public dance every Friday and Saturday evening. This department also conducts picnics, hikes, and various other parties from time to time.

6. A Self-Help Bureau is ever active, assisting any needy students in getting remunerative employment for defraying part of their college expenses.

7. In addition to the above points of program, the "Y" is a general campus and community welfare agency, rendering service wherever needed. The Association solicits the coöperation of every summer school student. Use it, and work through it!

8. The social program will make frequent use of the handsome Graham Memorial Building this summer.

Special Music Announcement

The Music Departments of the University and of the Woman's College have again arranged for a master piano class during the first term of the summer session to be taught by Henri Deering.

Work may be taken as follows: one private lesson of one hour and two class lessons of two hours each a week, for the term—$75.00.

One private lesson only a week for the term—$50.00.

Two class lessons only a week for the term—$40.00.

Permission to audit class lessons only, without taking part therein —$25.00.

Mr. Deering's class will be limited to fifteen private pupils. Reservations should be made at once accompanied by a deposit of $15.00 which will apply upon the tuition fee.

Students may have their residence either in Chapel Hill or Greensboro, or may drive in to either place for their lessons. For further information write the Music Department, The University of North Carolina, Chapel Hill, N. C., or the Music Department, The Woman's College of U. N. C., Greensboro, N. C.

Organ Recitals

During the first term there will be a series of organ recitals by Professor Leslie P. Spelman and in the second term a series by Professor Jan Philip Schinhan.

Rabbi Sidney Regner (July 9-10)

Rabbi Sidney Regner, a distinguished Jewish scholar, of Reading, Penna., will deliver a series of two lectures before the Summer School on Jewish History and Religion. He comes under the auspices of the Jewish Chautauqua Society of America.

The dates for this series of lectures will be July 9-10.

The Institute of Folk Music

The use of our own people's folk-games and folk-dances has been up to the present an undeveloped point in our educational practice. Traditional forms of social dancing are particularly important in saving the true culture-pattern of the state. English and American folk-dances hold an assurance of permanence and of actual social use, which the dances of other nations do not seem to furnish. Our native traditions in such things contain all the elements of a truly educational activity: the inheritance of racial culture; the development of rhythm, poise, and social grace; musical training, physical education, etc.

The Institute of Folk Music exists to serve the state in a full use of her own people's heritage in folk-music arts: SINGING GAMES (suitable from Kindergarten through the 7th Grade), PLAY PARTY GAMES (3rd Grade through High School), COUNTRY DANCES (graded, 4th Grade through to adult life). We offer instruction in all the above during the Summer Session of the University, and can also give courses in American Folk Songs and Ballads suited to all grades through the High School.

Classes will be arranged by conference. A fee of $3.00 will be charged for each term.

Address all communications to the Institute of Folk Music, Box 842, Chapel Hill, N. C.

THE WOMAN'S COLLEGE

GREENSBORO, N. C.

JUNE 13—JULY 24

The chief purpose of the Summer Session is to serve students and teachers of North Carolina to the greatest possible extent at the least possible cost.

Distinctive features of the Summer Session at this division of the University are:

1. Courses in elementary education and allied subjects.
2. Courses in commercial education.
3. Courses in home economics.
4. The Demonstration School.

Courses will be offered for college students who wish to advance their standing or to make up work.

Expenses are as follows:

For All Students

Fees	$17.00

Additional Costs for Dormitory Students

Meals	$27.00
Laundry	3.50
Fuel and light	2.50
	$50.00

For further information, write:

W. C. JACKSON,
Dean of Administration,
Greensboro, N. C.

NORTH CAROLINA STATE COLLEGE

RALEIGH, N. C.

The distinctive work of the State College Summer Session will be Agricultural, Technological, and Vocational Education. Special emphasis, therefore, will be placed upon instruction in these technical fields.

Short courses for teachers of Agriculture, Extension Agents, Young Tar Heel Farmers, School Building Superintendents, and School Bus Drivers will be offered.

Expenses for the six weeks' period:

Room Rent (per person)	$ 7.50
Board at College Cafeteria	30.00

College Fees

For Residents of North Carolina	27.50
For Non-Residents	40.00

For further information, write:

J. W. HARRELSON,
Dean of Administration,
State College Station,
Raleigh, N. C.